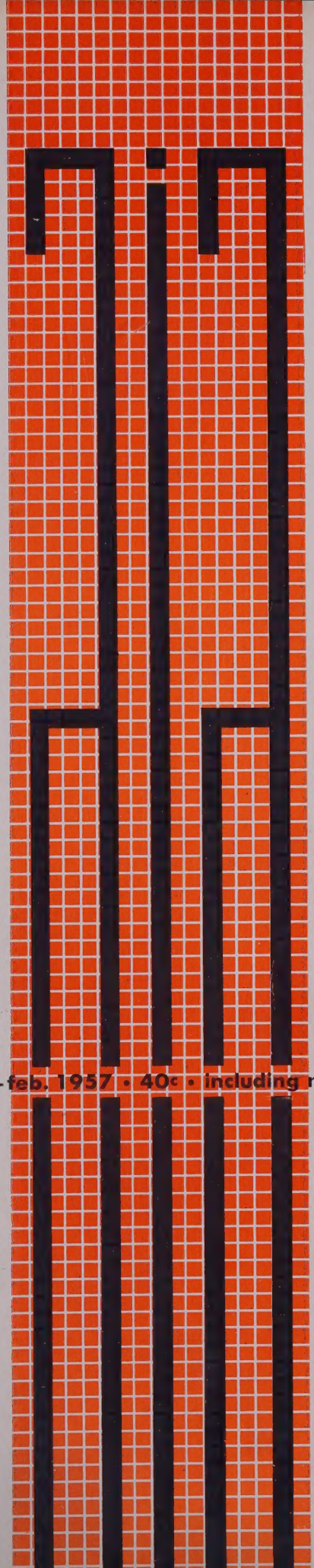

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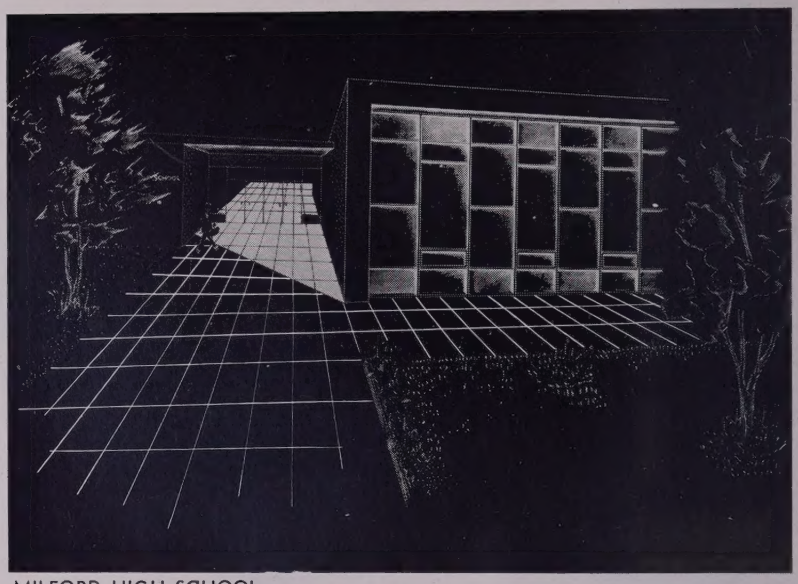

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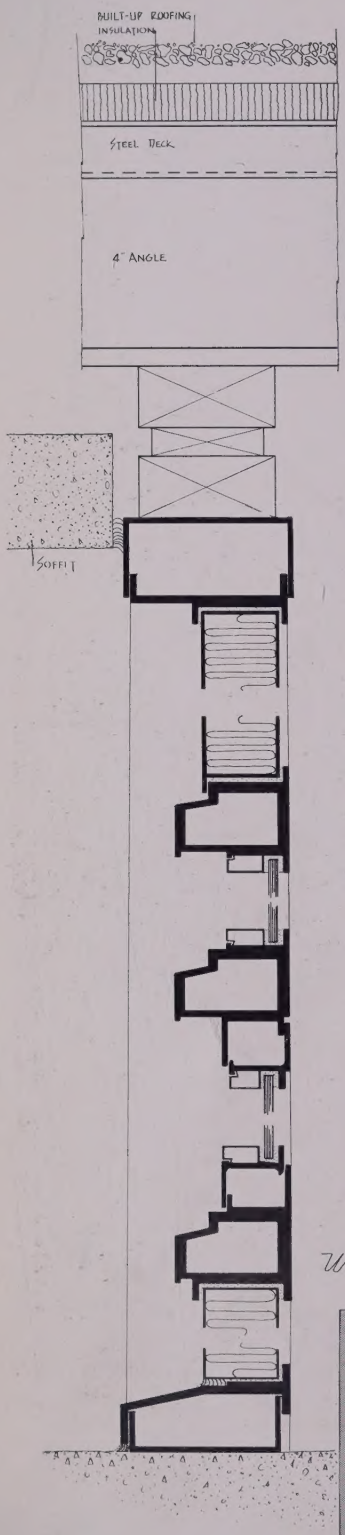
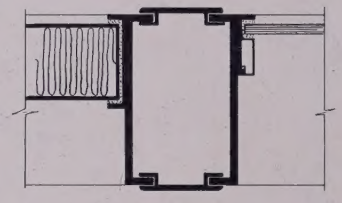
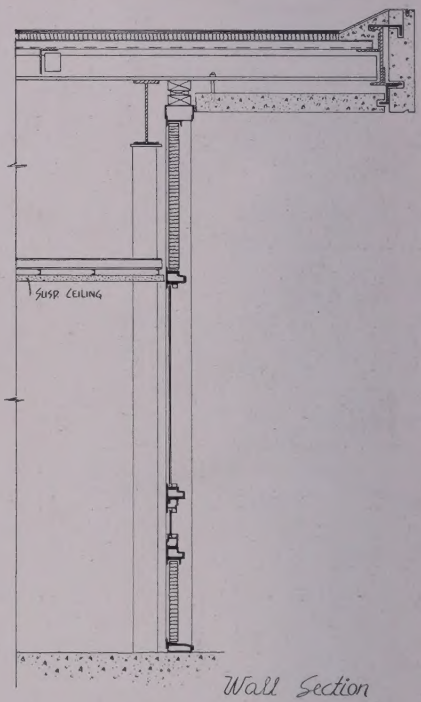


Wall Section
3" SCALE



Mullion Plan
3" SCALE



Wall Section
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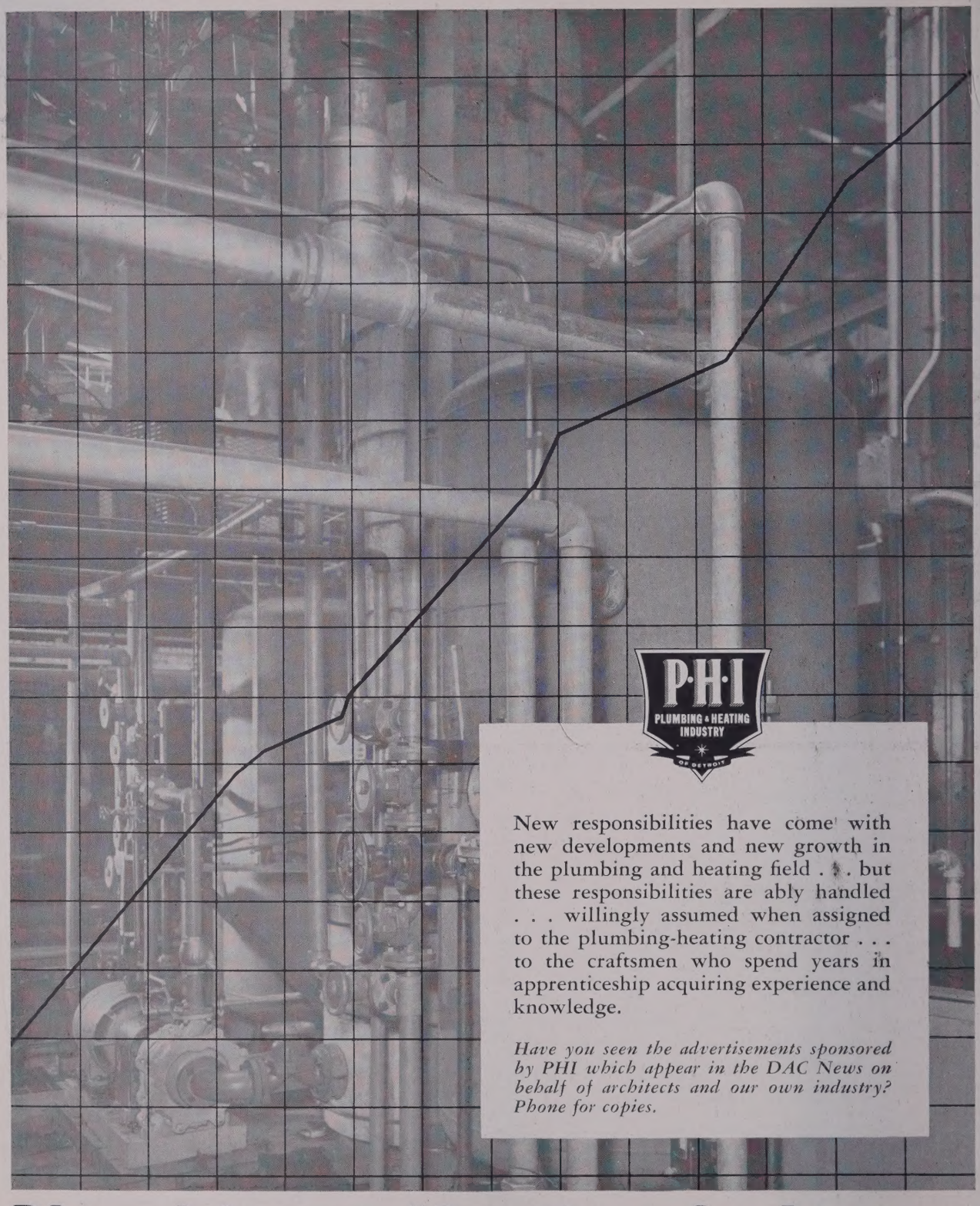

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Letters

It is difficult to find words to express my appreciation for your article in the Monthly Bulletin of the Michigan Society of Architects.

All my friends have been charmed by it, and I have never had anything please me more. I feel ashamed that I haven't been of more help to you, but I have been ill for some time and I had a fall that makes writing difficult, so I am dictating these few words of appreciation of your kindness.

Please give my sincere thanks to all those who have worked on such a difficult problem. It brings back fond memories of the fine men of the profession who taught me the work and ethics of the profession of architecture. These were George D. Mason, for whom I worked, and John Donaldson, who stood by me always when I needed help. Then Albert Kahn returned from his year's trip to Europe, and he was an inspiration to us all. He taught me more architecture than any school or college I ever attended.

Mr. Bunts was thrilled by the article and he is ordering some extra copies for me. My sincere thanks.—ALPHEUS CHITTENDEN, A.I.A., First and Broadmoor Streets, Colorado Springs, Colorado.

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JANUARY, 1958 — Smith, Tarapata & MacMahon.

FEBRUARY—Swanson & Associates.

Monthly Bulletin, Michigan Society of Architects, Volume 31, No. 2

MONTHLY BULLETIN
Michigan Society of Architects
120 Madison Ave., Detroit 26, Mich., WO 1-6700

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A TYPICAL TRANSACTION IN SOUTHEASTERN MICHIGAN AT THIS TIME OF YEAR

Charles N. Williams (left), Detroit City Treasurer, receives Edison's tax check for $7,295,000 (one of the largest tax payments in Detroit) from Stewart L. Ferguson, Detroit Edison Treasurer. Looking on is Anthony G. Maibofer, Edison Director of Taxes.

DETROIT EDISON

Letters

BULLETIN:

The copy of your Monthly Bulletin arrived and I was delighted and more pleased than I can say with the wonderful article which you prepared on my brother, Alpheus Chittenden.

I had many calls from friends, among them George Stark, who is planning to write an article for the Detroit News on my brother's career—everyone was most enthusiastic and greatly interested in the photographs and historical facts which you reproduced.

Your article was truely a wonderful tribute to my brother—please accept my personal thanks for the grand work you did.

I should like to order six copies of the Bulletin to be sent to members of my family whose names appear on the attached address labels. My check is enclosed to cover the cost of the Bulletins and mailing charge. — MARGARET C. BARBOUR (MRS. WILLIAM TEFFT), Grosse Pointe Farms, Michigan.

BULLETIN:

Each paragraph of your article on The Homestead in the December issue conveys to the reader every detailed aspect of leisure living, we feel, found only at The Homestead. To feel my services have contributed in some small measure to our—The Homestead—way of life, is a crowning tribute to my sixteen years of service.—ALBERT WEBB, JR., Dining Staff, The Homestead, Hot Springs, Virginia.

BULLETIN:

I read with great interest the article on The Homestead in your December issue and found it not only comprehensive but beautifully written and it left me with a tremendous urge to visit there even for Christmas Eve.—FRANCES M. HOSMER, Indian Village, Detroit.

BULLETIN:

We read aloud your article on The Homestead in the December issue of the Bulletin. It was most interesting and exceptionally well written. — KENNETH STUART TEMPLETON, Lake Forest, Illinois.

BULLETIN:

We enjoyed the January issue of the Monthly Bulletin and especially the article on Alpheus Williams Chittenden, with the picture of the Detroit Boat Club, of which I am a member, as it appeared in 1905. — ROBERT BISHOP, La Casa de Cabello Mar, Osprey, Florida.

BULLETIN:

We were very glad to note the article about Professor Emil Lorch in your December issue. — (MRS.) ELLEINE H. STONES, Burton Historical Collection, Detroit.

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From foundation to tower, this church is of all-masonry design. It was laid out on 8" modules, permitting the use of standard block without special shapes or sizes. A wide range of effects was obtained, however, by laying the block in a variety of patterns . . . random ashlar, running bond, vertical stacking, etc. Because of the great block strength necessitated by an edifice of this type, the exterior MONUMENTAL BLOCK was made of sand and gravel concrete. This block has a thicker face shell which greatly increases the tensile strength. It has an average compressive strength of 3,300 psi gross area. The expanded-clay MONUMENTAL BLOCK for the interior was made to supply an average of 2,200 psi gross area. The all-masonry concept of the building was completed by laying floors of soffit block topped by two inches of poured concrete.

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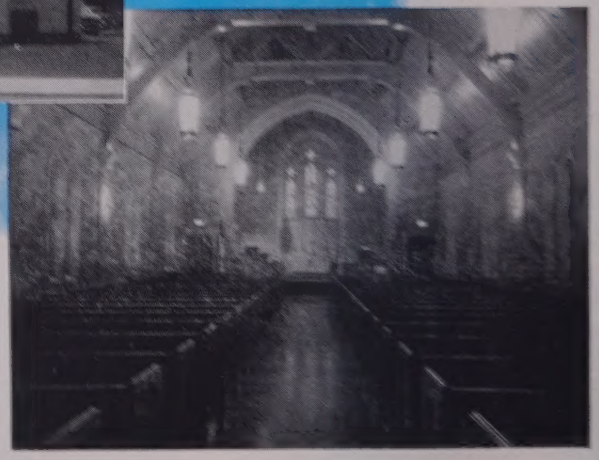

To meet the requirements of simplicity, tranquility and durability, this remarkably beautiful structure was erected entirely of Vibrapac Concrete Block as basic building material. Ruggedly majestic, yet with simple lines, the exterior beauty of this church has occasioned many favorable comments. It is in the interior, however, that the full beauty of the all-block design is even more apparent. Here the soft, shadowy tones of the acoustical block convey a feeling of dignity and meditation that forms an appropriate background for the contrasting warmth of colorful woodwork, draperies and windows.

A new wall chart showing 50 attractive block wall patterns is now available. Write for your free copy on your company letterhead.

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Bulletin Board

TIME TO RENEW — subscriptions, that is, which recalls that in 1835 a bookseller inserted in a newspaper of Tuscaloosa, Ala. the following advertisement:

Hear Ye! Hear Ye!

Persons indebted to the Tuscaloosa bookstore are respectfully requested to pay their last year's accounts forthwith. It is no use to honey the matter, payments must be made at least once a year or I shall run down at the heel. Everybody says, How well that man Woodruff is getting on in the world: when the fact is, I have not, possibly, spare change enough to buy myself a shirt, or a pair of breeches. My wife is now actually engaged in turning an old pair wrong side out, and in trying to make a new shirt out of two old ones. She declares that, in "Virginia" where she was raised, they never do such things, and that it is, moreover, a downright vulgar Yankee piece of business altogether. Come, come, pay up! pay up! friends, keep peace in the family, and enable me to wear my breeches right side out. You can hardly imagine how much it will oblige, dear sirs, the public's most obedient, most obliged and most humble servant.

D. Woodruff.

A TYPOGRAPHICAL ERROR cropped up in an embarrassing spot recently at the 100th anniversary banquet of the Providence (R. I.) Typographical Union.

The printers misspelled their own name, in letters six inches high.

Hanging over the speakers' table was a sign bearing the seal and name of the union. But whoever printed the name left out the second "p" in "typographical."

Toastmaster Arthur Savard dismissed it with the printer's classic explanation: "It was just a tight line, so they took a letter out, and threw it away."

A.I.A.—The American Institute of Accountants is about to change its name to The American Institute of Certified Public Accountants.

SOME TV CAMERAMEN covering the inaugural parade in Washington recently were out on a limb. The 15-foot tower erected opposite the White House reviewing stand was built west of a big tree instead of east of it as planned.

A big limb hung between the camera and the stand. The tree is historic and not to be moved. The tower was so elaborate it couldn't be moved either.

Poetry Department

I once had callers by the score.
They knew my business, used my skill,
I had my name on office door
And named my callings there to fill.
..
All of the space allotted me
And first an ARCHITECT it said
Then LANDSCAPE ARCHITECT with fee
And ENGINEER of such works staid.
Then sole INVENTOR systems grand
Of traffic and of CITY PLAN
And people reading all the list
Could not but think PHILANTHROPIST.

So there in modesty I wrote
A WARNING plain for all to see
"Please Be Prepared, Observe, Take Note
I'm not a man of Poetry."—HENRY BRECKON LITTLEFIELD, Architect & City Planner, White Plains, N.Y.

AND A SUBSCRIBER IN FLINT, Michigan says people are inclined to worry too much — often needlessly — and he offers the following remedy:

Whatever ailment under the sun,
There is a remedy or there is none.
If there be one, I'll try to find it,
If there be none—well never mind it.

And then there was—

A sultan, at odds with his harem,
Decided he just couldn't bear 'em;
So he caught him a mouse,
Turned it loose in the house,
And started the first harem-scarem.

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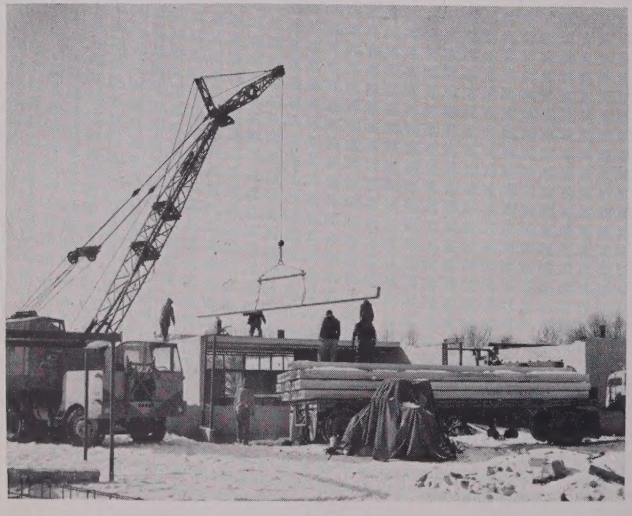

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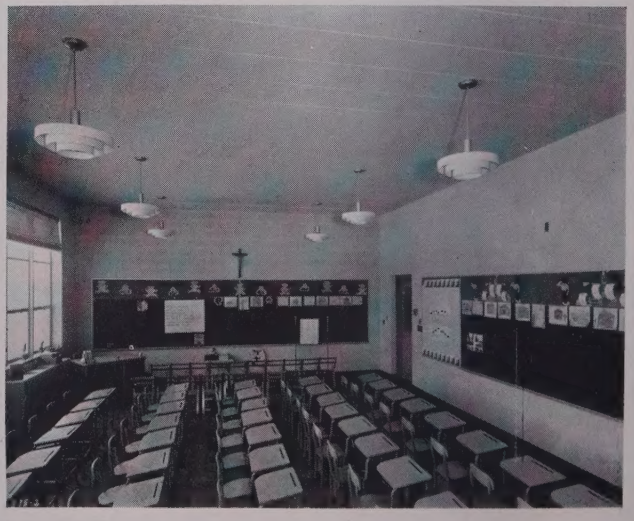


Architects In The News

Alabama

SAMUEL E. HURST, A.I.A., Atlanta, Ga., architect, has been appointed Dean of the Alabama Polytechnic Institute's School of Architecture and Arts. He will succeed Frank M. Orr, who resigend to become head of the newly organized department of technology at Auburn. Mr. Hurst's appointment is effective Aug. 1st.

Arkansas

HARALSON & MOTT, architectural firm of Fort Smith, has changed its name to Mott, Mobley & Horstman. Since the death of J. J. Haralson, Ralph O. Mott and Robert E. Mobley of Fort Smith and William L. Horstman of Muskogee, Okla., have been members of the firm.

The same partners maintain offices in Muskogee, Okla., under the firm name of Horstman & Mott, this firm formerly having been named Haralson & Horstman.

The firm's offices are at 229 Merchants Bank Bldg., Fort Smith.

California

SIM BRUCE RICHARDS, has been elected president of the San Diego Chapter, A.I.A. to suceed Frank L. Hope, who was elected director and delegate to the California Council of Architects.

Other officers elected are: Raymond L. Eggers, vice president; William F. Wilmurt, secretary; John C. Deardorf and J. Thomas Erchul, directors. Fred M. Chilcott was elected treasurer.

Florida

WAHL SNYDER of Miami has been elected president of the Florida South Chapter, A.I.A. Others selected are Irvin Korach, vice president; Edward Grafton, secretary; C. Robert Abele, treasurer, and Trip Russell, director.

Illinois

UNIVERSITY OF ILLINOIS, announces the twenty-sixth annual consideration of candidates for the Kate Neal Kinley Memorial Felowship.

The Fellowship yields the sum of one thousand three hundred dollars to be used by the recipient toward defraying expenses of advanced study of the Fine Arts in America or abroad.

It is open to graduates of the College of Fine and Applied Arts of the University of Illinois and to graduates of similar institutions of equal educational standing. Major studies must have been in one of the following: Music, Art, Architecture.

Applications should reach the Committee not later than May 15, 1957. Requests for application blanks and instructions should be addressed to Dean Allen S. Weller, College of Fine and Applied Arts, Room 110, Architecture Building, University of Illinois, Urbana, Ill.

Indiana

MORRIS TARRANTS AND JOHN HIRONIMUS have formed a new partnership to be known as Hironimus & Tarrants. They have established offices at 502 S.E. 8th St., Evansville, where they will conduct a general architectural service with emphasis on school construction.

Kentucky

PEYTON M. DAVIS, Lousville, has moved his office from the Realty Building to a new location at 137 St. Matthews Ave.

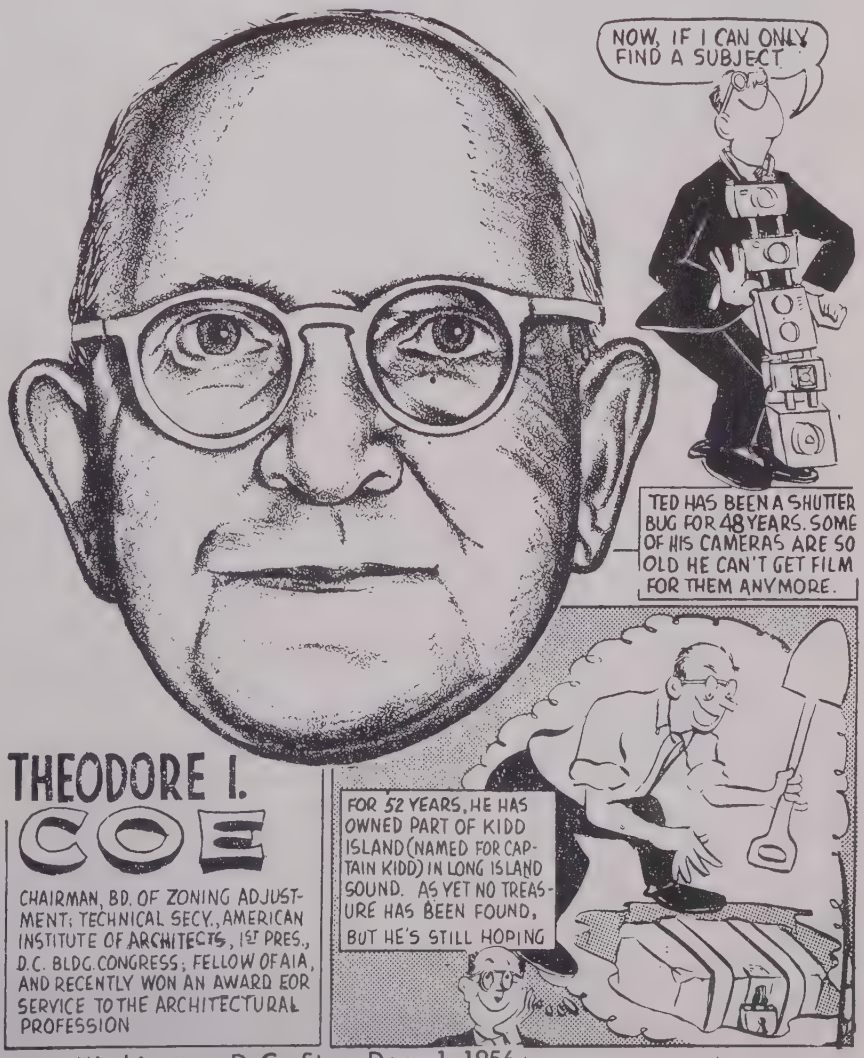
Missouri

FRANK R. SLEZAK, of Voskamp & Slezak, has been re-elected president of the Kansas City Chapter, A.I.A. Also re-elected are: Donald R. Hollis, vice president; Frank Grimaldi, secretary, and Henry D. Krug., Jr., treasurer.

Angus McCallum has been named a director to replace I. Lloyd Roark, Jr. Mr. Roark recently was named director of the A.I.A.'s central states district, and will serve a 3-year term on the national A.I.A. Board.

North Carolina

J. A. MALCOLM, was elected president of the Charlotte Council of Architects. He succeeds Porter Graves. Other new officers are Louis Asbury, Jr., of Louis H. Asbury & Associates, vice president, and Norman Pease, Jr., of J. N. Pease & Co., Inc., secretary-treasurer.


NOW, IF I CAN ONLY FIND A SUBJECT
THEODORE I. COE
CHAIRMAN, BD. OF ZONING ADJUSTMENT; TECHNICAL SECY., AMERICAN INSTITUTE OF ARCHITECTS, 1ST PRES., D.C. BLDG. CONGRESS; FELLOW OF AIA, AND RECENTLY WON AN AWARD FOR SERVICE TO THE ARCHITECTURAL PROFESSION
TED HAS BEEN A SHUTTER BUG FOR 48 YEARS. SOME OF HIS CAMERAS ARE SO OLD HE CAN'T GET FILM FOR THEM ANYMORE.
FOR 52 YEARS, HE HAS OWNED PART OF KIDD ISLAND (NAMED FOR CAPTAIN KIDD) IN LONG ISLAND SOUND. AS YET NO TREASURE HAS BEEN FOUND, BUT HE'S STILL HOPING

From Washington, D.C. Star, Dec. 1, 1956

New York

VOORHEES, WALKER, SMITH & SMITH, New York City architectural firm, announces the association of Victor J. De Masi as a junior partner in the firm.

Ohio

H. JAMES HOLROYD, of Columbus, has been elected president of the Columbus Chapter, A.I.A. Gerald L. Emerick, was named vice president; Loren J. Staker, secretary; and Noverre Musson, treasurer.

C. MELVIN FRANK, A.I.A., has moved into his new office building at 1650 West Fifth Avenue, Columbus 12, Ohio.

Oklahoma

W. ALVA FRY, of Tulsa, was re-elected president of the Oklahoma Chapter, A.I.A. David G. Murray, also of Tulsa, was re-elected 2nd vice president.

Other officers elected include Harold F. Flood, 1st vice president, and Joe E. Smay, secretary-treasurer.

Leonard H. Bailey, was named a new member of the board of directors.

The architects voted to hold a five-state regional convention at Oklahoma City in October, 1957.

Wisconsin

FRITZ VON GROSSMAN, Architect, of Milwaukee had his entry of the Nicolet High School design chosen for exhibition at the February convention of the American Assoc. of School Administrators.

Mr. Von Grossman has also been invited to submit the design for display at the International School Building Exhibit to be held in connection with the 20th International Conference on Public Education at Geneva, Switzerland, next July.

In Memoriam

LEE BURNS, A.I.A., 84, founder and partner in the Burns & Burns architectural firm of Indianapolis, Ind., on Jan. 8th. He was a past president of the Indiana Society of Architects and for many years was a member of the board of trustees of Butler University.

DAVID S. BUSHNELL, 64, in Seattle, Wash., on Dec. 27th. Mr. Bushnell originally came from Glendale, California, where he was widely known for designing industrial buildings, hotels and theaters. He was a pioneer in introducing reinforced concrete construction in Los Angeles. He also built one of the first curved motion picture screens. In recent years he designed a number of schools.

JOHN DIGREGORIO 79, architect, water colorist and writer, in his home city of Bronx, N.Y., on Dec. 26th. Mr. DiGregorio took his architectural training at Columbia University and New York University. In recent years he wrote articles on world affairs for various magazines and was a translator of English and Italian.

EARL N. DUGAN, 79, long a Tacoma, Washington architect, on Dec. 26th. Mr. Dugan was a partner in the Tacoma architectural firm of Sutton, Whitney & Dugan for 41 years until his retirement five years ago. He designed and supervised construction of many buildings at the College of Puget Sound, Tacoma. Mr. Dugan was a founder of the Tacoma Society of Architects, which grew into the South West Chapter, A.I.A.

LELAND H. LYON, 64, who had practiced architecture in the New Rochelle, New York area for 30 years, at his home on Jan. 1st.

FREDERICK W. MAHONY, 85, noted Boston and New York architect in the design of private residences, in his home city of Boston on Dec. 21st. As a member of the architectural firms of Little & Brown and Allen & Collens, both of Boston, he planned the construction of numerous estates and homes in the Greater Boston area and on Long Island. In recent years Mr. Mahoney became associated with his son Frederick J. of West Newton in the Preferred Realty Co.

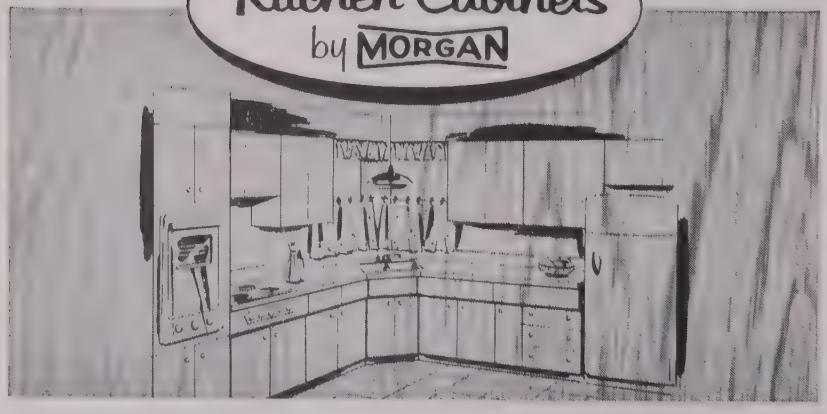
C. RUSSELL MENNER, 62, in his home city of Hasbrouck, N.J., on Dec. 31st. Mr. Menner was an architect with Ziegler, Childs and Paulson. He designed the Medical Center, Jersy City; Veterans Hospital, East Orange; Seton Hall College of Medicine and Dentistry, and he helped plan the Jersey City school system.

DALE TRUSCOTT, A.I.A., 65, a retired architect and member of a prominent South Jersey family, in his home city of Camden, N.J., on Dec. 21st. Mr. Truscott retired in April, 1956, after practice in Philadelphia.

modern kitchens in wood

BEAUTIFUL BIRCH EXQUISITE PH. MAHOGANY

Kitchen Cabinets by MORGAN



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Modern Flush-type kitchen cabinets in step with today's architecture.

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Photo Contest

The Second Exhibition of Architectural Photography, sponsored by The American Institute of Architects, in cooperation with The Architectural Photographers Association, has resulted in the following awards:

First Prize went to S. C. Valastro for his photograph of Lever House, New York City, by Skidmore, Owings and Merrill; Second Prize to Joseph W. Molitor for Salisbury Bath House, Salisbury Beach, Massachusetts, by Coletti Brothers; Third Prize was a tie between two photographs considered of equal quality by the jury—Gabriel Benzur's photograph of Georgia Institute of Technology, Atlanta, Georgia, by Aeck Associates, and the photograph of Joseph W. Molitor of the MIT Auditorium in Cambridge, Massachusetts, by Eero Saarinen & Associates. Honorable Mentions were awarded to the following: S. C. Valastro for Mile High Center, Denver, Colorado, by I. M. Pei, and to Mason Pawlak for MRA Racetrack, Livonia, Michigan, by Giffels & Vallet, Inc., and L. Rossetti.

Lenz-Art Photo of M.R.A. Racetrack, Livonia, Mich.
Giffels & Vallet, Inc., L. Rossetti, Engrs. & Archts.

Jos. W. Molitor Photo of M.I.T. Auditorium
Eero Saarinen & Associates, Architects

The Traveling Exhibition Service of the Smithsonian Institute has again agreed to circulate the exhibition of Architectural Photography after its showing at the American Institute of Architects headquarters in Washington. Bookings for the show may be made through Mrs. John A. Pope, Chief of the Traveling Exhibition Service.

COST PER CUBIC FOOT IN CENTS

Classification of Buildings	Aug. 1915	Aug. 1920	Feb. 1 1925	Jan. 1 1930	Jan. 1 1931	Jan. 1 1932	Jan. 1 1933	Jan. 1 1934	Jan. 1 1935	Jan. 1 1936	Jan. 1 1937	Jan. 1 1938	Jan. 1 1940	Jan. 1 1941	Jan. 1 1942	Jan. 1 1943	Jan. 1 1944	Jan. 1 1945	Jan. 1 1946	June 1 1946	Jan. 1 1947	Jan. 1 1948	Jan. 1 1949	Jan. 1 1950	Jan. 1 1951	Jan. 1 1952	Jan. 1 1953	Jan. 1 1954	Jan. 1 1955	Jan. 1 1956	Jan. 1 1957
FACTORIES AND WAREHOUSES:																															
Fireproof (Under 300,000 cu. ft.)	.14	.31½	.23	.22	.16½	.15	.14	.16	.16½	.19	.21½	.25	.25	.28	.30	.31	.32	.34½	.35	.37	.41½	.45	.49	.50	.53	.55	.59	.62	.64	.67	.70
Fireproof (Over 300,000 cu. ft.)	.12½	.29	.22	.21	.16	.14½	.12½	.14	.15	.17	.20	.21	.23	.25	.26	.27½	.28½	.31	.32	.34	.38	.41	.45	.46	.48½	.50½	.54½	.58	.60	.63	.66
Mill Construction	.10	.22½	.16	.15½	.11½	.11	.10	.11½	.12	.14	.16	.17	.16	.17	.16	.17½	.18½	.20	.22	.23	.24½	.28	.30	.32½	.35	.36	.38	.40	.41	.43	.45
Ordinary	.09	.21	.14½	.13½	.10	.09½	.08½	.09½	.10	.11½	.13	.14	.13½	.16	.17½	.19	.20	.21½	.22	.23	.24½	.28	.30	.29½	.32	.33	.35	.36	.37	.38	.40
Frame	.07½	.17	.11	.10	.07½	.07	.07	.08	.08½	.10	.11	.10	.09	.12	.14	.15	.15¾	.17½	.18	.19	.21	.24	.26½	.26	.28½	.29¾	.31	.31	.31	.32	.33
STORES:																															
Fireproof	.23	.52	.40	.38½	.30	.29½	.26	.30	.31	.35½	.39	.42	.42	.46	.50	.53	.55	.59	.60	.64	.67½	.74	.80	.81	.85	.88½	.95	1.01	1.04	1.09	1.14
Ordinary	.16½	.37½	.26½	.25	.20	.19	.16½	.20	.21	.24	.26½	.22	.26	.29	.31	.34	.36	.39	.39½	.41	.44	.50	.54	.53	.57	.59	.62	.64	.65	.68	.72
Flats (Above Ordinary)	.22	.48½	.29	.27	.22	.21	.18½	.21	.22	.25	.28	.25½	.24½	.27½	.29½	.33	.35	.38	.40	.41½	.45½	.52	.56	.55	.59	.61	.64	.66	.67	.70	.74
Ordinary without Basements	....	....	.19	.17	.14¼	.14	.12	.14	.15	.17	.19	.16	.17	.20	.22	.24	.25	.26	.26½	.27½	.30	.34	.37	.36½	.39	.40	.42	.44	.45	.47	.50
MARKETS:																															
Ordinary without Basements	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.13	.14½	.16	.18	.19	.20½	.21	.22	.25	.28	.30	.29½	.31½	.32½	.34	.36	.37	.39	.41
CHURCHES AND THEATRES:																															
Fireproof	.18	.40½	.36	.35	.27	.26	.22½	.26	.27	.31	.35	.38	.42	.50	.54	.56	.58	.63	.64½	.68	.72	.75	.81	.82	.87	.90¾	.95	.99	1.02	1.06	1.11
Ordinary	.15½	.35	.27½	.26	.20½	.19½	.18½	.21	.22	.25	.28	.31	.30	.35	.38	.42	.44	.48	.49	.51	.55	.60	.65	.64	.69	.71	.74½	.76	.77	.80	.84
OFFICE BUILDINGS:																															
Fireproof	.30½	.68½	.52	.50	.39	.37½	.32½	.37½	.39	.44½	.50	.55	.54	.59	.64	.67	.69	.74¾	.75	.78	.85	.95	1.03	1.04	1.10	1.14½	1.22	1.27	1.31	1.36	1.43
Ordinary	.22	.48½	.33½	.32	.25	.24	.21½	.25	.26½	.30	.33½	.36	.32	.37½	.40	.43½	.46	.50	.52	.54	.59	.67	.72	.71	.77	.80	.84	.85	.86	.89	.93
HOTELS:																															
Fireproof	.33½	.75½	.57	.56	.42¾	.42	.37½	.43	.45	.52	.58	.60	.59	.64	.69	.72	.74	.80	.82	.85½	.92	.99	1.07	1.08	1.15	1.19½	1.27	1.33	1.37	1.42	1.49
Ordinary	.29½	.66½	.34	.31	.25½	.24	.21½	.25	.26½	.30	.34	.34	.32	.37½	.40	.45	.47½	.51¾	.53	.55	.58½	.66	.71	.69½	.75	.78	.82	.84	.85	.88	.92
SCHOOLS:																															
Fireproof	.22	.48½	.43½	.40	.32	.30	.27	.31½	.33	.38	.42½	.45½	.45	.50	.54	.56	.58	.63	.64½	.67½	.73	.82	.89	.90	.95½	.99	1.05	1.09	1.12	1.16	1.22
HOSPITALS:																															
Fireproof	.32	.72	.43½	.45	.32	.32	.27¾	.32	.33½	.38½	.43	.60	.60	.66	.71½	.72½	.74½	.80¾	.82	.85¾	.88½	.98	1.06	1.07	1.14	1.18½	1.26	1.32	1.36	1.41	1.48
ALL STEEL BUILDINGS:																															
Under 20,000 cu. ft.	.12	.25	.14	.13	.11	.11	.10	.11½	.12	.14	.16	.17	.14	.15	.16	.16½	.17½	.19	.19½	.20½	.22	.24½	.26½	.27	.29	.30	.32	.33	.34	.36	.38
20,000 to 100,000 cu. ft.	.08	.18	.12	.10½	.10	.10	.09	.10	.10½	.12	.13	.14	.12	.14	.15½	.16	.17	.18¼	.19	.20	.21½	.24	.26	.26½	.27	.28	.30	.31	.32	.34	.36
Over 100,000 cu. ft.	.06½	.14	.10	.09	.07	.07	.06½	.07	.07½	.08½	.09½	.10	.10	.11½	.12½	.13	.14	.15	.16	.17	.18	.20	.21½	.22	.23½	.24½	.26	.27	.28	.30	.32
APARTMENTS:																															
Fireproof	.35	.78	.52½	.50	.39	.37½	.34	.39	.41	.47	.52	.55	.55	.59½	.64	.67	.69½	.75	.77	.81	.87	.96	1.04	1.05	1.12	1.16½	1.24	1.29	1.33	1.38	1.45
Protected	.29½	.66½	.46	.45	.34½	.34	.30	.34½	.36	.41	.46	.48	.45½	.50½	.55	.57	.59	.64	.65½	.68¾	.70	.77	.84	.84	.89	.92	.97	1.00	1.02	1.06	1.11
Brick (Ordinary)	.28	.63	.32	.29	.24	.23	.22	.25	.26½	.30	.33½	.44	.36	.41	.44½	.47	.49¾	.54	.56	.58	.62	.71	.77	.75	.81	.84	.88	.89	.90	.93	.97
Brick (Veneer)	.24	.54	.30	.28	.22½	.22	.21	.24	.25½	.28	.31	.31	.25½	.31	.34	.36½	.38	.41	.43	.45	.48	.55	.59½	.58	.63	.65	.68	.69	.70	.73	.77
RESIDENCES:																															
Brick (with 12" basement wall)	.30½	.68½	.46	.44½	.34½	.33½	.25½	.29	.31	.34	.38	.36	.32	.36	.40	.45½	.46	.50	.52	.54½	.59	.67	.72	.71	.77	.79	.82	.84	.85	.88	.92
Brick (1-Story with 8" Basement walls) not over 18,000 cu. ft.																	.36	.39	.40	.43	.46	.52	.56	.55	.61	.62½	.65	.66	.67	.70	.73
Brick (Veneer or Stucco)	.24	.54	.32½	.30½	.24	.23	.22½	.24½	.25	.27	.30	.30	.27½	.31½	.35	.37	.37	.40	.42	.44	.47	.53	.56	.55	59½	.61½	.64	.66	.67	.70	.73
Brick (Veneer or Stucco) 1 Story	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.23½	.30	.33	.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brick (Veneer or Stucco) 1-Story not over 18,000 cu. ft.																	.35	.38	.39	.41	.44	.50	.54	.53	.57½	.59½	.63	.64	.65	.67	.70
Frame	.21½	.48½	.26½	.24	.20	.19	.19	.21	.21½	.23	.26	.24	.19	.25	.28	.31	.32	.36	.37	.39	.41	.47	.50	.48½	.52	.54	.57	.58	.58	.60	.63
Frame (Not over 25,000 cu. ft.)	.....	.....	.....	.20	.15	.15	.14	.16	.17	.19	.21	.21	.18	.23	.24	.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Frame (1 to 1½ Stories) not over 18,000 cu. ft.																	.31	.34	.36	.38	.39	.45	.49	.47½	.51	.53	.55	.56	.56	.58	.61
Cinder Concrete Block	.....	.....	.39	.37	.29	.28	.22½	.26	.27	.31	.35	.35	.30	.34	.38	.42	.43	.46	.47½	.50	.51	.58	.62	.61	.66	.68	.71	.73	.74	.77	.81
Cinder Concrete Block (1-Story not over 18,000 cu. ft.)																	.34	.37	.38	.40	.42	.47	.52	.51	.56	.58	.60	.62	.63	.65	.68
GARAGES:																															
Gas and Service Station	.....	.....	.....	.....	.....	.....	.21½	.25	.26½	.30	.34	.36	.35	.42½	.45	.48	.48	.50	.53	.59	.65	.67	.72	.73	.78	.81	.86	.89	.91	.91	.99
Fireproof	.....	.30	.23	.23	.17	.17	.15½	.17½	.18	.21	.23½	.25	.25	.28	.30	.31	.32	.34½	.35	.37	.41½	.45	.49	.49	.52	.54	.58	.62	.64	.67	.70
Mill Construction	.....	.20	.15	.13½	.11	.11	.10	.11½	.12	.14	.16	.17½	.15	.18	.19	.21	.22	.24	.25	.26	.27	.31	.34	.33	.35	.36½	.38	.40	.41	.43	.45
Ordinary	.....	.17	.13½	.13	.10	.10	.09	.10	.10½	.12	.13	.14	.13½	.15	.16	.17	.18	.19½	.20	.21	.23	.26	.28	.27½	.30	.31	.32	.34	.35	.36	.38
Frame	.....	.14	.10	.09	.08	.07	.06½	.07½	.08	.09	.10	.11	.08½	.10½	.11	.12	.12½	.14	.15	.16	.17	.19½	.21	.20	.22	.23	.24	.25	.25	.26	.28
SHEDS WITHOUT HEAT:																															
Enclosed Without Floor (Frame)	.....	.....	.....	.....	.04¾	.04½	.04	.04½	.05	.05½	.06	.05½	.05	.06	.06½	.07	.07½	.08	.08½	.09	.10	.11	.12	.11½	.12½	.13	.14	.14	.14	.15	.16
Enclosed (Frame)	.....	.....	.....	.....	.06	.06	.05	.06	.06½	.07	.08	.08	.07	.08	.09	.10	.10½	.11½	.12	.12½	.13½	.14½	.15½	.15	.16	.16¾	.17½	.18	.18	.19	.20
Enclosed (Ordinary Construction)	.....	.....	.....	.....	.09½	.09¼	.09	.09½	.10½	.12	.13	.14	.10	.11½	.12½	.14	.15	.16	.17	.18	.19	.20	.21½	.21	.22	.22¾	.24	.25	.25	.26	.28
Enclosed Without Floor (Ordinary Construction)	.....	.....	.....	.....	.09¼	.09	.08	.09½	.10	.11½	.12½	.13	.09	.10	.11	.12	.13	.14	.15	.16	.17	.18½	.20	.19	.20½	.21	.22	.23	.23	.24	.25
Enclosed (All Steel)	.....	.....	.....	.....	.04½	.04½	.04	.04½	.05	.05½	.06	.07	.06	.07	.07½	.08	.09	.10	.10½	.11	.12	.13	.14	.14½	.15½	.16	.17	.18	.19	.20	.21
Enclosed Without Floor (All Steel)	.....	.....	.....	.....	.03½	.03½	.03¼	.04	.04	.04½	.05	.06	.05	.06	.06½	.07	.08	.09	.10	.10½	.11	.12	.13	.13½	.14	.14½	.15½	.16	.16	.17	.18
Open Shelter (Frame Construction)	.....	.....	.....	.....	.03	.03	.03	.03	.03½	.04	.05	.04¼	.04½	.05	.05½	.06	.07	.08	.08½	.09	.10	.10½	.11	.10	.11	.11½	.12	.12	.12	.13	.14

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Annually since 1915, the Detroit Real Estate Board has produced and distributed a schedule of unit costs employing cubical contents of buildings as the basis for determination of costs. The schedule, revised as of Jan. 1, 1957, is presented herewith.

The schedule of costs was produced primarily as a service to members of the Detroit Real Estate Board, as a guide in estimating construction or reproduction costs and as a possible guide to appraisers. Within recent years, scores of requests for copies have come from all parts of the United States and numerous trade publications have asked permission to publish the schedule. It has been and continues to be the policy of the Detroit Real Estate Board to authorize reproduction of the schedule by recognized trade publications and by banks, trust companies, insurance companies, building and loan associations, mortgage companies, appraisal organizations, etc., for the personal use of members of those organizations but no permission is given for reproduction of the schedule for sale. Additional copies may be purchased from the Detroit Real Estate Board at 50 cents each.

The willing and painstaking cooperation of the Department of Buildings and Safety Engineering in the preparation of this schelule is appreciatively acknowledged. In using this schedule, the rules established by Commissioner Joseph P. Wolff and his department heads, should be observed. These rules follow:

"The cubical volume of a building for the purposes of determining the fees shall be measured as follows:

"From the outside of the walls and from the basement floor to the mean point of a pitched roof shall include all dormers, enclosed porches, pent houses, and other enclosed portions of a building, but shall exclude open porches.

"In the case of buildings without basements, the measurements shall be taken from the ground line, and in the case of large buildings having deep foundations, the height shall be measured from a point below the basement floor by an amount equal to 1-5 of the depth of the foundation.

"In the case of open shelter sheds and other open sheds, the volume shall be determined by measuring from the projection of the edge of the roof and from the ground line to the mean height of the roof."

The cost figures presented are presumed to represent the minimum cost at which a fairly good building of economic design, may be constructed under most favorable circumstances within the Detroit district. The costs contain architects' fees, contractors' profits and all general items of construction and equipment including plumbing and heating systems, elevators, incinerators, refrigerating systems, etc. Financing costs, however, are not included.

As bids of individual contractors may vary from 20% to 50%, so may there be a marked variance in the costs of similar buildings erected within a single area. The quality of construction must be taken into account. The schedule presented is based upon the cost of average construction. The costs might be lessened by inferior construction or substantially increased by superior construction. In all instances the schedule should be used to reinforce rather than to supplant the experience, information and judgment of the user, prepared under like circumstances and based upon like factors. It may be assumed, therefore, to present a rather accurate picture of the movement of building costs in the Detroit area during the past 40 years.

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PA Design Awards

Four Detroit area architectural firms and one at Grand Blanc won citations in Progressive Architecture's Fourth Annual Design Awards Program for 1957.

One of the awards was given to Eberle M. Smith Associates, Inc., 153 Elizabeth east, for its design of the Greenfield Elementary School in Birmingham. The Royal Oak firm of Yamasaki, Leinweber & Associates was the recipient of an award for its design of the American Concrete Institute headquarters at Redfern and Seven Mile.

A third award went to architects Smith, Tarapata, MacMahon Inc., of Birmingham, for the firm's design of a proposed nursery at the Lapeer State Home and Training School, Lapeer, Mich.

A design for a proposed home in Farmington won an award for architect Tivadar Balogh, of that city.

Clifford E. Gibbs, of Grand Blanc, won an award for his design of a proposed restaurant in Flint.

The awards were made by Progressive Architecture, national architectural magazine.

Award-winning features of the Greenfield Elementary school are its series of semi-enclosed garden courts into which class rooms open, class room arrangement separating upper and lower grades and kindergarten rooms, covered exterior passageways and its location on a site between Greenfield and Fairfax near 13 Mile.

Use of the interior courts provides a landscaped view from each class window and prevents outside distractions and noises since all windows open into the school-supervised courts.

The class room arrangement provides for a natural grouping of students according to their ages while the separate but adjoining kindergarten location gives youngsters the feeling they are "graduating" when they progress to the first grade in the large building, Smith said.

Covered exterior passage ways are an economy feature cheaper than additional interior halls and are usable in all but the most severe weather.

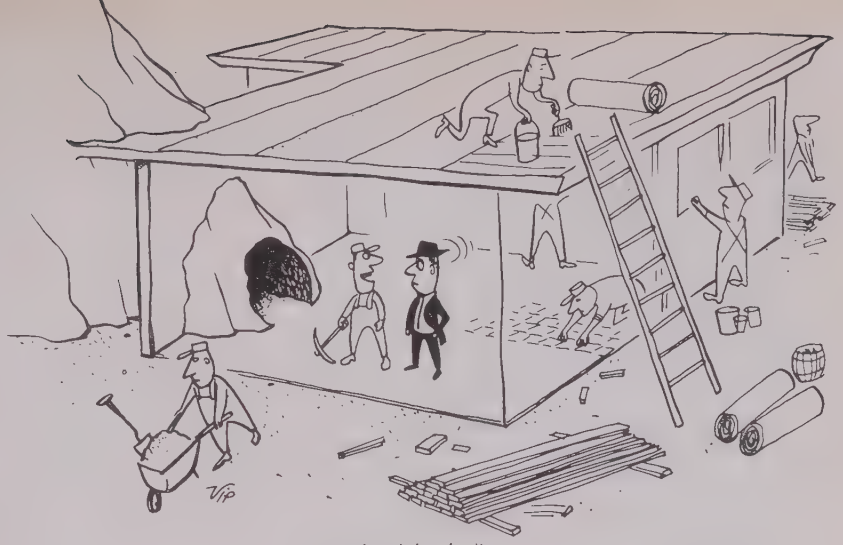
The school is placed on the Greenfield site to provide a play area for the older children nearest to the heavily traveled road and another play area for the younger children nearer to Fairfax, which is less heavily traveled.

Completion of the $765,770 school for 620 youngsters in the Birmingham School district is scheduled for this summer, with the opening set for September.

The commercial building class winner by Yamasaki, Leinweber & Associates, has an unusual roof system of folded-plate concrete panels cantilevered at the front and rear like sections of a folding fan.

Central walls of concrete slabs instead of posts or beams support the roof.

The building, 38 by 97 feet, is scheduled for fall completion.



"Well——we've completed the den"

For your enjoyment – Courtesy of Pomona Tile Manufacturing Co.

NATIONAL ARCHITECTURAL ACCREDITING BOARD has announced its list of accredited schools of architecture for 1956-75 as follows:

Alabama Polytechnic Institute, Auburn; University of California, Berkely; Carnegie Institute of Technology, Pittsburgh; Catholic University, Washington, D. C.; University of Cincinnati (Ohio); Clemson A. & M. College, Clemson, S. Carolina; Columbia University, N. Y. C.; Cornell University, Ithica, N. Y.; University of Florida, Gainesville; Georgia Institute of Technology, Atlanta; Harvard University, Cambridge, Mass; Howard University, Washington, D. C.; Illinois Institute of Technology, Chicago; University of Illinois, Urbana; Iowa State College, Ames; Kansas State College, Manhattan; University of Kansas, Lawrence; Massachusetts Institute of Technology, Cambridge; Miami University, Oxford, Ohio; University of Michigan, Ann Arbor; University of Minnesota, Minneapolis; University of Nebraska, Lincoln; North Carolina State College, Raleigh;

University of Notre Dame, Notre Dame, Ind.; Ohio State University, Columbus; Oklahoma A. & M. College, Stillwater; University of Oklahoma, Norman; University of Oregon, Eugene; University of Pennsylvania, Philadelphia; Pennsylvania State University, University Park; Pratt Institute, Brooklyn, N. Y.; Princeton University, Princeton, N. J.; Rennselaer Polytechnic Institute, Troy, N Y.; Rhode Island School of Design, Providence; Rice Institute, Houston, Texas; University of Southern California, Los Angeles; Syracuse University, Syracuse, N. Y.; Texas A. & M. College, College Station; University of Texas, Austin; Tulane University, New Orleans; University of Utah, Salt Lake City; Virginia Polytechnic Institute, Blacksburg; University of Virginia, Charlottesville; Washington University, St. Louis, Mo.; University of Washington, Seattle; Yale University (provisional), New Haven, Conn.

The Board was established in 1940 by joint action of The American Institute of Architects, the Association of Collegiate Schools of Architecture, and the National Council of Architectural Registration Boards.

Thomas K. Fitz Patrick, Fayerweather Hall, University of Virginia, Charlottesville, Va., is Secretary. Other members of the Board for 1956 are Perry B. Johnson, President; Richard M. Bennett, Warren D. Miller, Hari Van Hoefen and Elliot L. Whitaker.

The accredited list is revised annually and is valid only until the next list is issued.

J. LEONARD RUSH, A.I.A., of Detroit, is architect for the Eastgate Shopping Center, shown below, to be erected in Niles, Michigan, for the Bishop Investment Corporation, of Detroit. The first unit will consist of twelve shops, with parking space, and there is additional area for twelve more shops.

The architect has planned throughout for the use of Kawneer products, including colored aluminum exterior wall panels. The 85 ft. clock tower will serve several purposes.

All shops will be air-conditioned and have the most modern lighting design. Leases have been signed with several large chain stores. General contract for the first unit has been awarded and construction will start soon.

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"Bloopers by the Experts"

Editor's Note: Following is an editorial that appeared in the Lapeer County Press, "America's Largest Rural Weekly," published in Lapeer, Michigan, of January 3, 1957. This is the same paper that published an editorial, "Why Do We Need School Architects?" in its issue of May 10, 1956, and which we reprinted in the Monthly Bulletin of July, 1956. We also include herewith a reply to the more recent editorial, from Mr. Coleman H. Foote, Administrator of Lapeer County General Hospital, published in the Press of January 10, 1957. Architects and Engineers for the project were Giffels & Vallet, Inc., L. Rossetti, of Detroit.

There's a tight little band of experts who travel under the banner of architects. All too many local groups have taken the word of these men as gospel, and have been led down the path of many building blunders.

It has been the most natural thing in the world to accept the word of architects if you're on a board. It has taken us a few years of experience with this tribe of draftsmen and planners to realize that we all should have been less trusting in their judgment.

For example, architects designed the Lapeer County General Hospital with a maternity wing that runs at 57% occupancy and a medical-surgical wing that operates with a hall full of beds and 126% capacity. There were some other bloopers at the hospital, such as a laundry with no exhaust fans, and water fountains next to hot water pipes, a pharmacy half big enough, and a central nurses station that hasen't been used at all.

The new wing and some other alterations are correcting these errors. In a few years the maternity wing will be filled, but meanwhile there have been several years of inconvenience.

And although the hospital was designed for expansion, when a new wing came to be added it was found necessary to tunnel through 60 feet of earth to connect the new basement with the old basement.

We have praised the diligence of the hospital trustees so often that this cannot be construed as hindsight criticism. The trustees hired a noted firm of architects and a hospital consultant; the state office of Hospital Survey and Construction added its ideas, too. It was a most thorough job of planning, and it was logical to rely on the ability of the architects.

It's a headache for local laymen who contribute much time to hospital boards and school boards and church boards to be the victims of such errors. We feel sorry for these good citizens who have to live with the mistakes of architects and planners hired as experts.

Following is the reply of School Administrator, Foote:

No Bloopers

Dear Editor,

After reading the editorial, "Bloopers by the Experts" in the January 3, 1957 issue of the Lapeer County Press, I should like to state why certain figures are not the fault of the architect or consultants.

Maternity at 57% is not unreasonable in a small hospital. In the November, 1956 issue of the Modern Hospital magazine they give the average maternity department occupancy in a 50-bed hospital as 35%. A hospital maternity section occupancy varies widely over a short period, and hospitals must plan for the near peak load. Even with our occupancy in maternity of 57% in November, there were times when we were full.

In the medical-surgical section we can do some scheduling, taking people when we have beds, but also, making them wait in case of non-emergencies when there is a shortage of beds. As you know, we cannot put maternity cases on a waiting list to come in at our convenience.

The planners were told to plan a 50-bed hospital and it is not their fault that the hospital medical staff and the area of patient coverage have grown above expectations. I am sure the planners would like to plan a larger hospital, but at that time I am sure the taxpayers would not have been receptive.

The pharmacy was built large enough for a 50-bed hospital, but not for the high occupancy we have. Last year we admitted 4096 patients, which is only 321 less than the average annual admissions for the average 100-bed hospital (which run at an average 68% of capacity). The Central Nursing station would have been used by some hospitals but the way we have organized our nursing department at present it has not been needed to date. It will be utilized in the future.

The original plans called for a one-story addition. With the building of a two-story addition, additional storage space was needed. This additional basement space was also needed because of our utilization of some of our present space for a meeting room, which has been in great demand by our auxiliary, the Mothercraft classes, nursing groups, etc. So the need for a basement in the

new wing necessitated a connecting tunnel with the old basement.

Some things had to be eliminated from the original building plans because there was only so much money and some minor deficiencies occured. However, on an overall basis, I am sure that no planners could have eliminated all such deficiencies, and in most all respects we are mightily satisfied with our building.

New things develop which no one can predict. I know of no one who builds a house in which he doesn't soon want to make some change. A hospital is much more complicated.

In closing, I want to thank the Lapeer County Press for the exceptionally fine coverage and help they have always given the hospital.

COLEMAN H. FOOTE,
Administrator.

ADRIAN N. LANGIUS, F.A.I.A., of Lansing, has been reelected president of Monthly Bulletin, Inc., a subsidiary of the Michigan Society of Architects, representing the Society's interests in publishing its magazine.

Others elected officers of the corporation were Elmer J. Manson, also of Lansing, vice president, and George B. Savage, of Grand Rapids, secretary-treasurer.

Future issues of the Monthly Bulletin, M.S.A. have been scheduled to feature the following:

March—MSA 43rd Annual Convention; April—Arthur O. A. Schmidt; May—James B. Morison; June—Alphabetical Roster and Saginaw Valley Chapter, A.I.A.; July—O'Dell, Hewlett & Luckenbach; August—MSA Midsummer Conference; September—Earl G. Meyer; October—Detroit Chapter, A.I.A.; November—Theodore Rogovoy; December—Geographical Roster and Western Michigan Chapter, A.I.A.; January, 1958—Smith, Tarapata & MacMahon.

WANTED — Architectural Designer, experienced, capable of responsibility for Chief Designer position in expanding firm conducting general practice. Architectural draftsmen, specifications writers, site planners and engineers also needed. Write, including full particulars, Sargent-Webster, Crenshaw & Folley, Architects, Watertown, New York.

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ARCHITECTURAL draftsmen and specification writers wanted. Some experience or training required. Housing available. Alden B. Dow, Architect, 315 Post Street, Midland, Michigan.

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Good Outlook

Nineteen fifty-six, a record year for architects, will be outdone by 1957, "the best yet."

This is the consensus of a number of "typical" architectural offices just surveyed by the Monthly Bulletin of the Michigan Society of Architects. The offices reporting are typical only in that they represent "small business"—they deal in millions rather than billions. With two exceptions, they do not include the "big four," which, by the way, are rapidly becoming the big five—or six.

During the war, Detroit was known as the "arsenal of democracy," and our large offices as the "architects of democracy." And so they have since held on to their laurels and added to them, even in peacetime. Last year some of the largest projects in the country—and in the world—were executed by Detroit firms. Many of the owners of these projects consulted the headquarters of The American Institute of Architects in Michigan when considering the employment of architects, and today that office reports that projects in the offing, for the near future, indicate even greater activity. One of the greatest difficulties is getting sufficient trained personnel to carry out the work, the office states .

Henry J. Abrams, A.I.A., reports a volume of work, in all stages, of approximately $2,500,000, about $1,000,000 of which is now in the planning stage. As to the coming year, Abrams says he anticipates 1957 will be the "best ever."

Harley, Ellington & Day, Inc. are architects and engineers for the State Department's new office building, to be the largest in the District of Columbia, costing some $49,000,000; residence hall at the University of Michigan, $5,000,000; General Electric warehouses and showrooms in Detroit and Grand Rapids, $3,000,000; addition to Arnold Home, Detroit, $1,000,000; addition to Holy Sepulcre Mausoleum, Detroit, $1,000,000; addition to Stroh Brewery, several million dollars; Light Guard Armory, Detroit, $1,700,000; Coldwater State Home, $1,000,000; Peters Funeral Home, Detroit, $300,000.

In addition, the firm has breweries in Mexico and Italy, several air bases and other military projects.

Cornelius L. T. Gabler, A.I.A., reports work in all stages of approximately $11,000,000, and a "continuing program."

Burns & Roe of Michigan, Inc., has work of some $36,238,000, including power plants and other industrial and institutional projects for Detroit, Wisconsin, New York, Ohio and Ontario, Canada.

Bery-Klei and Associates, Architects are engaged on more than $1,630,000 worth of projects, including institutional, civic, commercial and miscellaneous. The firm's offices are in Oak Park, and most of their work is in Oakland County. George J. Bery states that the firm is enjoying peak activity and anticipates a future of the same.

Ralph R. Calder has work under construction of $18,000,000, and in the sketch stage of an additional $20,000,000. Most of his work is of the institutional nature, and in Michigan outside the Detroit area.

Giffels & Vallet, Inc., L. Rossetti Associated Engineers and Architects estimates a 1957 dollar volume of $425,000,000. Of this, $260,000,000 will be put under construction this year. This work is divided into industrial and public buildings, 65 per cent; educational 12 per cent; for the government, 10 per cent; health, 5 per cent; commercial 7 per cent and religious 1 per cent. Thirty-five percent is in the Detroit area.

Diehl & Diehl, Architects, V. H. Sidnam & E. N. Hewitt, Associates report work totaling more than $10,000,000 most of which is of a religious character. All of it is in the Detroit area, except for St. Columba Cathedral, in Youngstown, Ohio, costing $1,750,000. About one-half of the firm's projects are now under construction.

J. Leonard Rush, A.I.A., is architect for the Eastgate shopping center being erected in Niles, Michigan The first unit will consist of twelve shops, with parking space and additional area for twelve more shops The firm has also started planning a similar center for Muskegon, Michigan

The spot check of nine offices, reporting about $500,000,000, indicates a grand total in all the one hundred or more architects' offices in the Detroit area of several billion dollars.

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as general contractors in the construction of many buildings illustrated in the section devoted to their work. Among them are:

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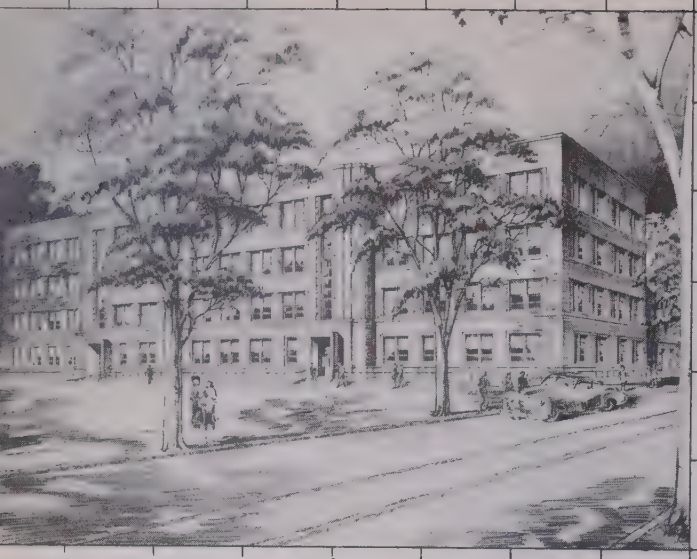


Chemistry Building
University of Michigan

Western Theological Seminary
Holland, Michigan

Food Service Building
University of Michigan

College Buildings

West Quadrangle Dormitory
University of Michigan

culty Office

Library

estern Theological Seminary, primarily an educational insti-
ion, integrates the religious mood and worship functions
h facilities for instruction at the college level.

College Buildings

William S. Ballenger
Field House

Charles S. Mott Center of
Science and Applied Arts
Flint Junior College

College Buildings

Harlow H. Curtice
Administration Building
Flint Junior College

Executed in collaboration with Alexander S. Nurmi, AIA, this campus unit houses the Flint Junior College and the University of Michigan Flint College. The buildings were given to the Flint Board of Education and dedicated to the furtherance of education by Charles Stewart Mott.

College Buildings

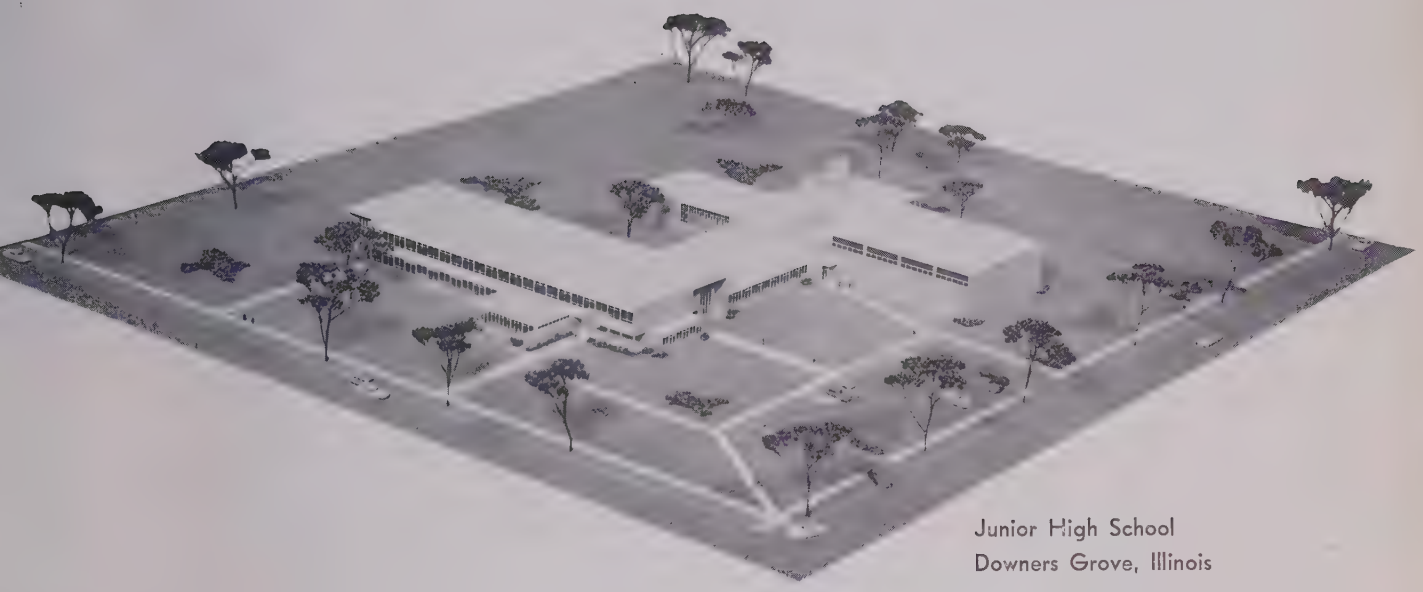
University of Michigan Flint College
Flint, Michigan

Flint Junior College Buildings Photographed by Bill Engdahl, Hedrich-Blessing

One of Four Elementary Schools
Big Rapids, Michigan

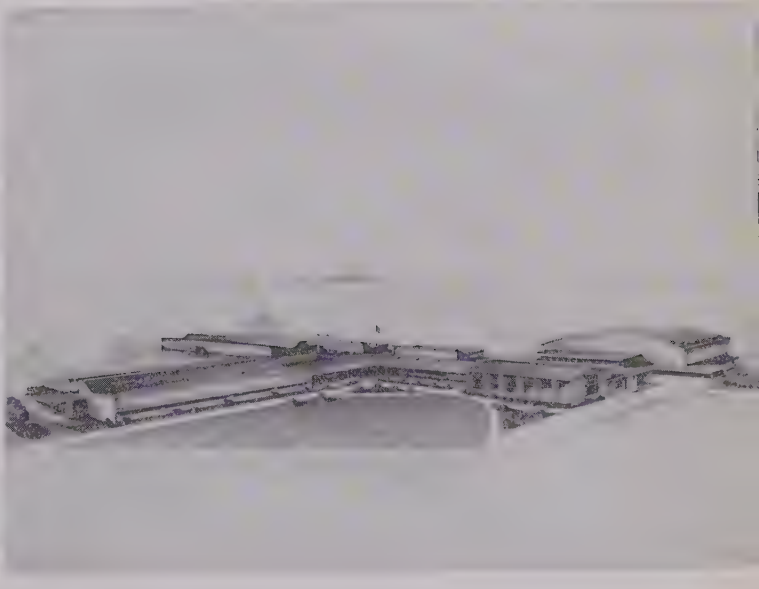
Brookside Elementary School
Grand Rapids, Michigan

Lobby, Brookside School
Grand Rapids, Michigan



Junior High School
Downers Grove, Illinois

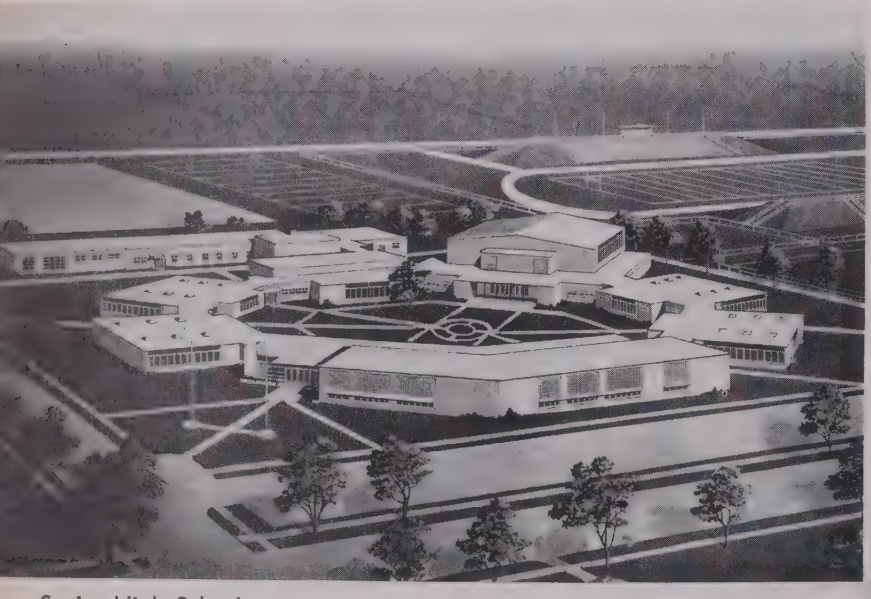
rthwest Junior High School
venport, Iowa



Northeast Junior High School
Kalamazoo, Michigan

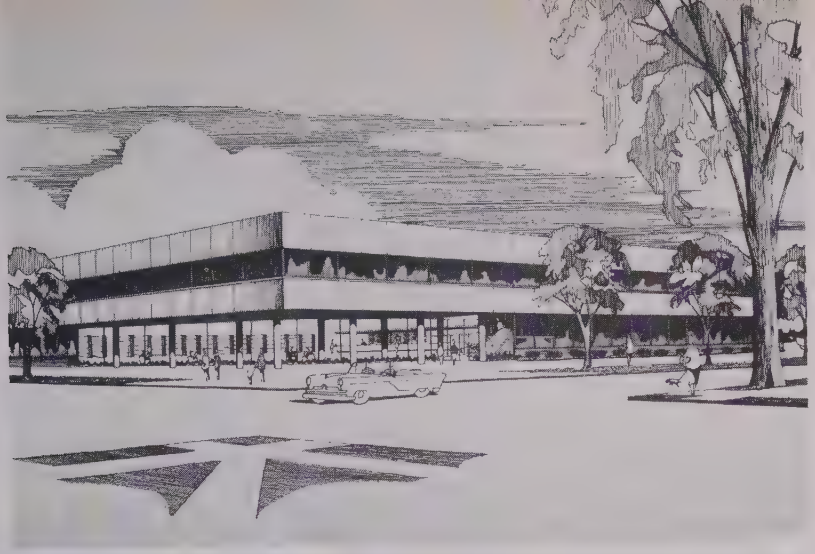
Senior High School
Adrian, Michigan

These pages contain a representative selection of elementary and secondary public schools designed by the Kalamazoo and Davenport offices. The Mt. Pleasant High School was designed in an octagonal plan to provide maximum recreation area on the remainder of the school site. The large central court preserves a campus-like atmosphere.

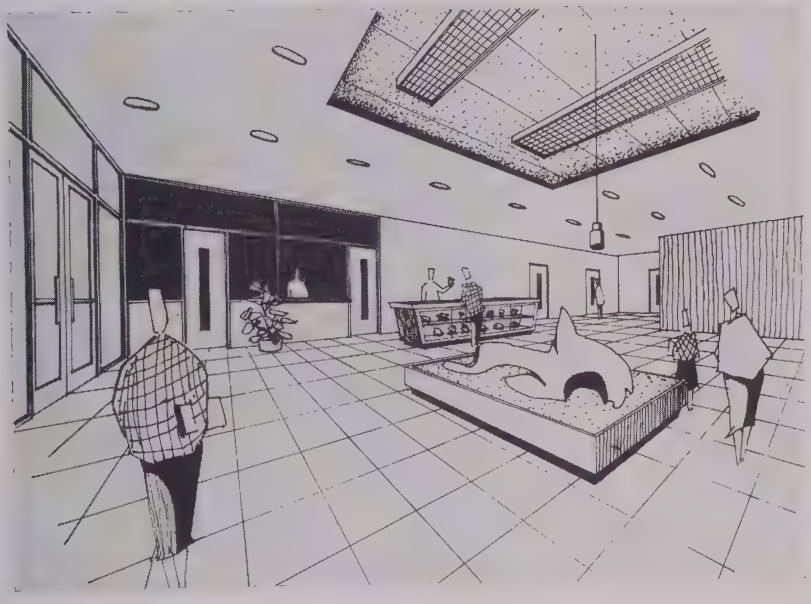


Senior High School
Mt. Pleasant, Michigan

Entrance Detail
Mt. Pleasant High School

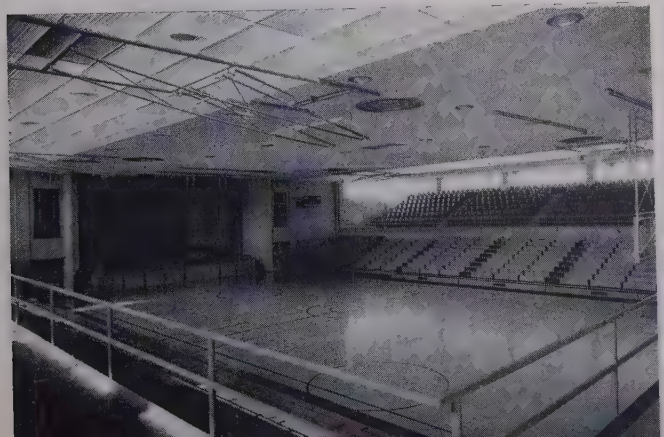


Library - Museum Building
Kalamazoo, Michigan

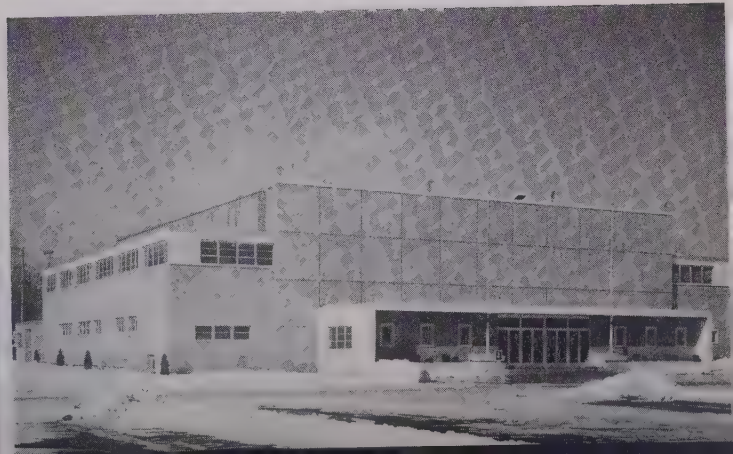


Loan Department
Library - Museum Building

View of Main Auditorium
Municipal Recreation Building



Municipal Recreation Building
Holland, Michigan



St. Paul's Lutheran Church
Sterling, Illinois

Interior View of Nave
St. Paul's Lutheran Church

Narthex

Lounge

Faith Evangelical
Lutheran Church
Eldridge, Iowa

Nave
Faith Evangelical
Lutheran Church

Altar
Faith Evangelical
Lutheran Church

Exterior Immanuel
Lutheran Church
Kalamazoo, Michigan

These three Lutheran Churches exemplify the acceptance by many congregations of edifices which reflect the contemporary trend in church planning, permitting departures from tradition while retaining the basic religious theme.

Paul Oliver Hospital
Frankfort, Michigan

Operating Room
Paul Oliver Hospital

Lobby, Hayes-Green-Beach Hospital
Charlotte, Michigan

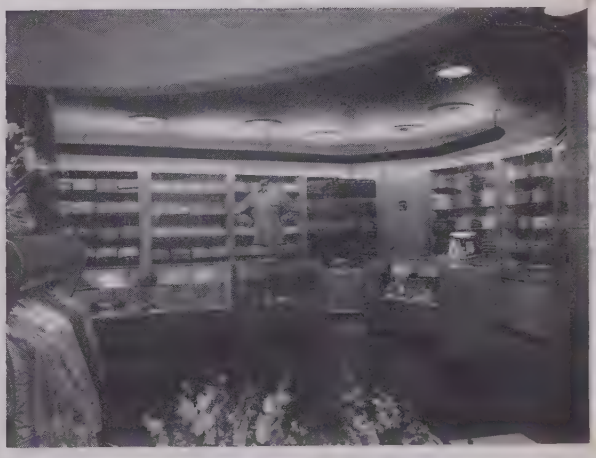
Veterans Administration
Hospital
Grand Rapids, Michigan

Branch Bank
American National Bank & Trust Co.
Kalamazoo, Michigan

Fidelity Federal
Savings & Loan Assn.
Kalamazoo, Michigan

1—Board Room
2—Private Office
3—Banking Floor
4—Exterior View

Interior Views
Oppenheim's, Inc.
Jackson, Michigan



Roebuck Store
nazoo, Michigan

Office Building
Valley Metal Products Company
Plainwell, Michigan

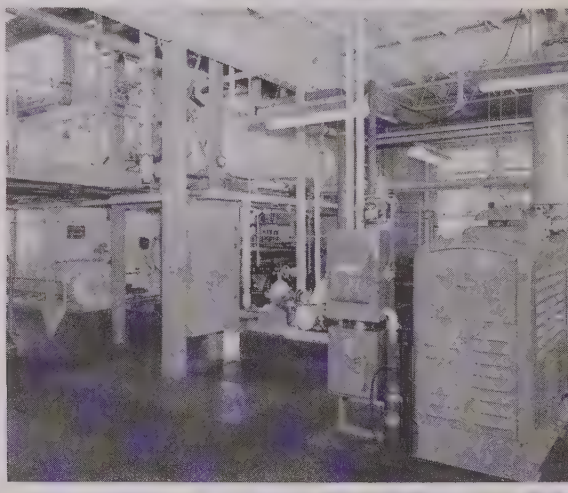
Office Building
Ruud Manufacturing Company
Kalamazoo, Michigan

Fuller Manufacturing Company
Kalamazoo, Michigan

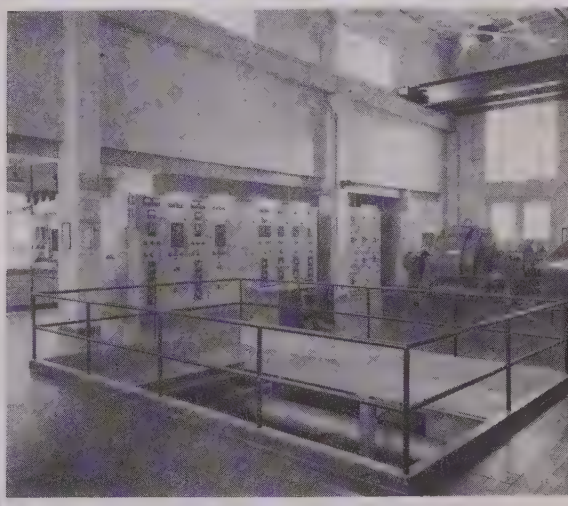
Road Ranger Plant
Fuller Manufacturing Company

Research & Service Buildings
Fuller Manufacturing Company

Power House, Rich Colony Farm
Kalamazoo State Hospital
Kalamazoo, Michigan



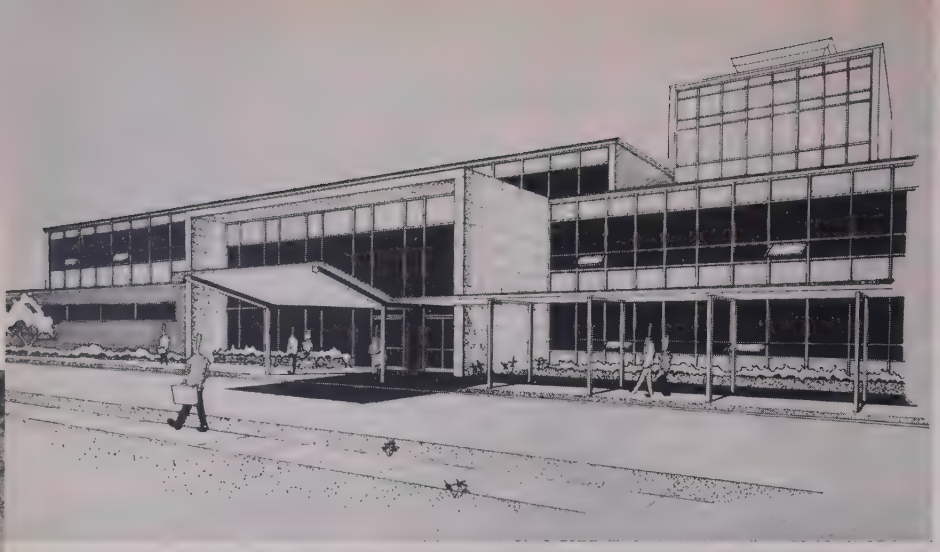
ting Plant
ell State Sanatorium
ell, Michigan



(Upper) Power House
Rich Colony Farm

(Lower) Power House
Traverse City State Hospital

Power House
Traverse City State Hospital
Traverse City, Michigan



Airport Terminal Building
Lansing, Michigan

Lobby and Cafeterial
Lansing Municipal Airport

Exterior View from Field
Lansing Municipal Airport

AIA Detroit Chapter Birthday Party

The American Institute of Architects will be one hundred years old on Saturday, February 23, 1957, and while national ceremonies in celebration of the occasion are going on in New York, the City of its founding, and in Washington, D.C., the Institute's headquarters, members of the Detroit Chapter, A.I.A., will observe the occasion with a gala birthday party at Detroit's Hotel Statler, on February 22.

The party will begin with a complimentary cocktail party by The R. C. Mahon Company at 6:00 P.M., and this will be followed by dinner in the Ball Room at 7:30 P.M. A program, beginning at 8:30 o'clock, will feature a style show conducted by the Women's Architectural League, of Detroit, and Goodwill Industries, in which various periods from 1857 to 1957 will be depicted, with appropriate authentic music corresponding to the periods accompanying the presentations—some on an old-time phonograph, a player piano, etc.

Clair W. Ditchy, F.A.I.A., of Detroit, immediate past president of The American Institute of Architects, as toastmaster will preside over the cutting of the birthday cake, and there will be other features of entertainment, and music by Eddie Felske's Starlight Serenaders. Following the program, from 10:00 to 12:00, members and guests may dance to the music of the six-piece orchestra, in the Wayne Room.

Tickets will be $7.50 per person; tables of ten, $75. It is recommended that reservations be made early, at the Chapter's headquarters, 120 Madison Ave., Detroit, WOodward 1-6700. By reserving tables of ten, members can make up their own parties. Such tables and individual seats, or places for couples, will be assigned in the order in which requests for reservations are received.

Other features of the State celebration will be an exhibition "One Hundred Years of Michigan Architecture," to be presented at Detroit's Henry and Edsel Ford Auditorium, from November 9 through November 12, 1957, and participated in by the three State chapters of the A.I.A.—Detroit, Western Michigan and Saginaw Valley. Parts of this exhibition will also be shown at intervals in the show windows of The J. L. Hudson Company, and after its Detroit showing it will tour the State.

A book on 100 years of Detroit architecture, by Hawkins Ferry, Honorary Member of the Michigan Society of Architects, will be published during the year by Wayne State University Press.

There wil be a proclamation of "Architect's Week," in Michigan, February 17 through February 23. The Michigan Society of Architects' 43rd annual convention at Hotel Statler in Detroit, March 13-15 and its Midsummer Conference at the Grand Hotel on Mackinac Island, August 1-3 will feature the Centennial Year of the Institute

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The following Proclamation has been issued by The Honorable, G. Mennen Williams, Governor of the State of Michigan:

PROCLAMATION

One hundred years ago, on February 23, 1857, thirteen architects of ideals and vision founded The American Institute of Architects, with the objectives of uniting in fellowship the architects of the United States of America; of combining their efforts so as to promote the aesthetic, scientific and practical efficiency of the profession of architecture and of making the profession of ever-increasing service to society.

Down through the years the members of The American Institute of Architects and its components in Michigan have contributed much to the advancement of architecture and its many broad phases and have been responsible for many improvements in the construction industry; they have encouraged the development of the allied arts, and expressed the aspirations of our people, bringing into their lives inspiration, beauty, safety and comfort.

In this, their Centennial year of 1957, the members of The American Institute of Architects in our Great State have rededicated themselves to the high ideals and objectives of the Founders and have pledged themselves to continue their work towards the improvement of our people's environment, helping them to express their hopes, ideals and aspirations through the fields of architecture and the allied arts and joining with them in their efforts towards achieving a happier and better world for mankind.

Therefore, I, G. Mennen Williams, Governor of the State of Michigan, do hereby designate the week of Sunday, February 17 through Saturday, February 23, 1957 as "Architects' Week," to be appropriately recognized by the citizens of the State of Michigan.

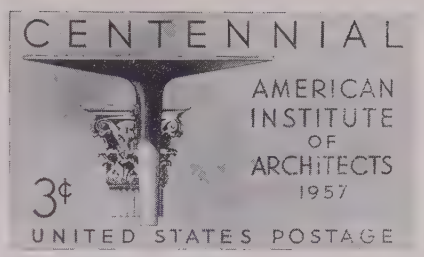
Signed,
G. MENNEN WILLIAMS,
Governor.

(Seal)

On February 23 a tablet will be placed on the building now occupying the site of the founding of the Institute in New York City, with the inscription:

"Throughout the years its members have contributed to the advancement of architecture and have encouraged the development of the allied arts, expressing the aspirations of our people, bringing into their lives inspiration, beauty and comfort."

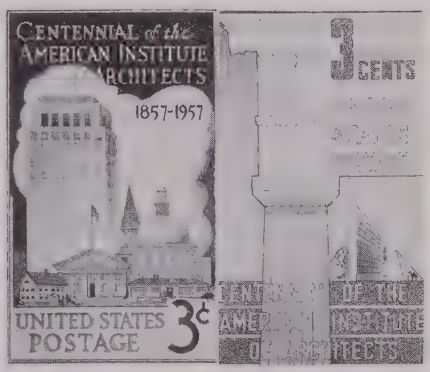
Postmaster General Arthur E. Summerfield has approved the issuance in New York City on February 23, of a United States 3¢ postage stamp commemorating the founding of the Institute. Talmage C. Hughes, F.A.I.A., of Detroit, was chairman of the jury to select the design for this stamp. One of the Detroit Chapter members, Beri Tashjian was awarded an Honorable Mention in the competition. First prize, of $500 was awarded to Robert J. Schultz, A.I.A., of South Bend, Ind. Three other prizes of $100 each went to Robert DeGroat of New Haven, Conn.; F. Ray Leimkuehler, A.I.A., of St. Louis, and Miss Florence Paris, of Manhattan, Kansas.



Winner—Robt. L. Schultz

Prize—F. Ray Leimkuehler

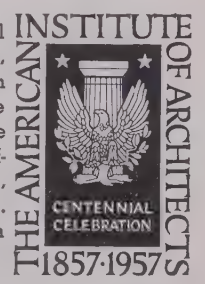
Prize—Florence Paris



Prize—
Robert W. Groat

Honorable Mention—
Berj Tashjian

A.I.A. Centennial Celebration Stickers, reproduced herewith at actual size, are available at the Monthly Bulletin office, in sheets of 96, at 25 cents per sheet. The field is of maroon color.



The national convention of The A.I.A. in Washington, May 14-17, 1957 will be devoted largely to celebration of the Institute's Centennial. An important architectural exhibition will be held at that time in the National Gallery of Art, the first time in history that such an exhibition has been held there.

Detroit Chapter

Honor Roll

Centennial Fund

The following (164) have contributed to the Detroit Chapter, A.I.A. Centennial fund, according to the suggested scale: Large firms, 40 or more employees, $250; 10 to 39, $100; other partnerships, $50; Individual practicing architects, $25; corporate members, not self-employed, $5. Names of additional contributors will be published as they are received. Total contributions to date: $4,780. The budget is $6,500. Your support will be appreciated.—CENTENNIAL COMMITTEE.

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Detroit Chapter Meeting Report

Members of the Detroit Chapter, A.I.A. were privileged to hear Robert B. Frantz, F.A.I.A., of Saginaw, speak on the world tour he and his wife, Sali took last year. It was one of the most delightful programs the Chapter has ever had and attendance so far exceeded expectations that extra steps had to be taken to accomodate the audience.

Following dinner in the Rackham building, Chapter President, Gerald G. Diehl reported on the Board meeting of that afternoon, particularly with regard to the various events in connection with the local Centennial celebration. He announced the Board's approval of a number of membership applications in both the associate and corporate classes. The President called upon Suren Pilafian to announce the annual meeting in Detroit of the Society of Architectural Historians.

Along the walls of the dining room were enlarged photographs of pictures taken by the speaker and he referred to them during his talk. Mr. Frantz said that architecture is a common language when traveling in any country, and he added that it was so exciting that he felt he got $1.25 for every dollar spent. He was not sure whether anticipation was better than realization. Preparing for such a trip, he said, is half the fun. Bob stated that he was inspired to take the trip by the courses in architectural history under Prof. Emil Lorch, F.A.I.A., at the University of Michigan, and that the trip was one of the greatest thrills of his life.

The Frantzes returned from Europe on the Andrea Doria, "that floating museum," and he expressed deep regret that later she had to go to the bottom of the ocean.

Regarding the people in the countries they visited, Bob said without exception he and Sali could not have been treated better.

The color slides of pictures made by the travelers were superb.

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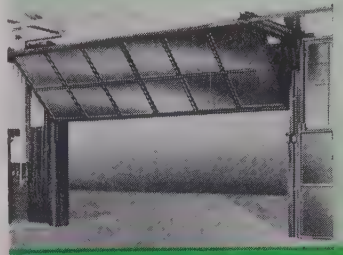

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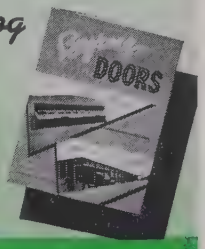

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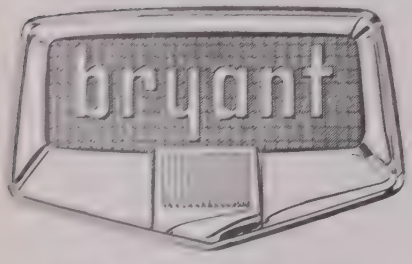

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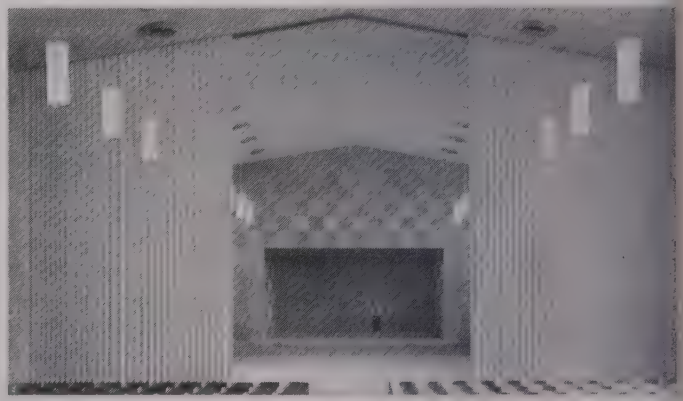

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Western Michigan Chapter

EDITOR'S NOTE: As WM Chapter's January meeting was scheduled for the 28th, it was too late to include a report of it in this issue.

THE LANSING BUILDERS & TRADERS EXCHANGE Public Relations Committee, Charles V. Opdyke, A.I.A., Chairman, has drawn up a comprehensive program to inform Michigan residents how to avoid injury during tornadoes. Details of the suggested program were submitted recently to Lansing City officials and their Tornado Defense Committee.

Plans for outdoor, lean-to or basement-type tornado shelters have been made available for free distribution at the Lansing Builders and Traders Exchange. Information as to average costs, both labor and materials, is also provided.

Other details of the Committee's recommended program include surveying public buildings to locate protected areas and organizing a labor and equipment pool for the erection of temporary shelters. A survey of heavy construction equipment available for a disaster program has been completed.

Chairman Opdyke said, "Many communities have established, or are in the process of establishing, an effective tornado-warning system. This is only part of the security measure. The public also should be informed, in specific ways, as to how to protect themselves against the fury of a tornado. We feel that our program, while only a beginning, is a step in the right direction."

WESTERN MICHIGAN CHAPTER A.I.A. will hold luncheon meetings in ten Michigan cities on Friday, February 22nd in conjunction with the Institute's Centennial Celebration, President Ian C. Ironside announces.

The cities and local Centennial Luncheon Committees are as follows:

Kalamazoo—Richard Prince, Jr. George W. Sprau.

Grand Rapids—Carl J. Rudine James K. Haveman.

Muskegon—Arthur M. Hooker Bernard J. DeVries.

Battle Creek—Ruard A. Vanderploeg H. Chase Black Jr.

Lansing—Clarence H. Rose Clarke E. Harris.

Jackson—Claude D. Sampson Carl C. F. Kressbach.

Benton Harbor & Niles—Hubert W. Van Dongen Edward R. Duffield.

Traverse City F. Gordon Cornwell Carter B. Streng.

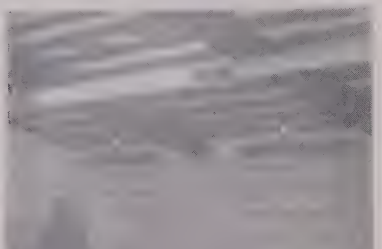
Holland—H .R. Stroop, Howard F. Kammeraad.

Menominee & Upper Peninsula Harry W. Gielsteen.

The Centennial Celebration will also be the theme of the March 18th meeting of the Western Michigan Chapter at the Pantlind Hotel Grand Rapids. The program for the Chapter members and their wives will feature Roger Allen as speaker and include a tour through the Furniture Makers Exhibitors Building according to Howard E. DeWolf Program Chairman.

SAGINAW VALLEY CHAPTER, A.I.A. members, shown here, look well-fed, because the occasion was their Annual Game Dinner—of venison, pheasant, partridge, duck, woodcock, rabbit and bear—given by the Westover-Kamm Co., of Bay City, at the Bay City Country Club, on December 12, 1956.

At left—kneeling: Doc Waters, Pete Brysselbout, Clee Allison, Jim Spence, Peter Frantz and Red Beach. Standing: Dave Oeming, Bob Frantz, Bill Spears, Gene Starkey, Doug Morris, Bill Wesolek, Fred Wigen, Joe Goddeyne and Sam Allen.



Saginaw Valley Chapter

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MSA 1957 CONVENTION

Michigan Society of Architects 43rd Annual Convention, scheduled at Detroit's Hotel Statler, March 13-15, 1957, has been planned for your enjoyment by Convention Committee Chairman, Paul B. Brown and William P. Lindhout, Vice-Chairman.

Lindhout, in addition to being Vice Chairman, is in charge of Program and Arrangements. Other Committee Chairmen are as follows:

Urban U. Woodhouse, Registration; Verne H. Sidnam, General Design and Architects' Exhibits; Gaylord A. Watts, Producers' Exhibits; George K. Harris, Jr., Brochure; Lyall H. Askew, Entertainment; Charles H. MacMahon, Jr., Publicity; Mrs. Hurless E. Bankes, Ladies' Activities. Advisers are James B. Hughes, Talmage C. Hughes and Edward G. Rosella.

The Convention will open on Wednesday afternoon, March 13, 1957, with registration and viewing of the exhibits. This will be followed by a reception and social evening, at which there will be entertainment. Following a Board meeting at breakfast Thursday morning, there will be a business meeting in the Wayne Room, with Society President, James B. Morison presiding. A ladies complimentary luncheon at the Detroit Athletic Club Thursday noon will have as speaker Mr. Dennis Glen Cooper, world traveler and educator, who will speak on "Vacation in the Southwest." Mr. Cooper's talk will be illustrated by a film and display of native handicrafts. At a luncheon in the Bagley Room of the Statler on Thursday, reports will be heard from the three A.I.A. chapters in Michigan. At 2:30 P.M., Thursday, Linn Smith, A.I.A., will be the moderator of a panel discussion on fees and other matters of practice

A cocktail party in the Bagley Room of the hotel Thursday evening will precede a dinner at which the speaker will be Mr. Fred N. Severud, structural engineer of New York City, who will discuss the increasingly important role of the engineer in modern architecture. His address will be illustrated by slides.

Friday morning there will be a tour of the Henry and Edsel Ford Auditorium. No men's luncheon has been scheduled for Friday. The Women's Architectural League has arranged also a Friday luncheon, at the Women's City Club, when author, Mrs. Marjorie Coe will review the book, "The Challenge of Being a Woman," which she co-authored with Helen Sherman.

At 2:30 P.M. Friday a panel of architects and engineers will discuss mechanical electrical and structural co-ordination in today's architecture.

The Building Industry Banquet Friday evening will conclude the convention. Society representatives on the Banquet Committee are Paul B. Brown, Talmage C. Hughes and Joseph W. Leinweber.

The Society's Board has approved the award of its Gold Medal and Honorary Membership for 1957 which will be presented at the Michigan Building Industry Banquet concluding its 43rd annual convention, on Friday evening, March 15.

Drafting Competition

Michigan Society of Architects Competition for Draftsmen. Sponsored by the Michigan Blueprint and Reproduction Association—A Feature of the M. S. A. 43rd Annual Convention, Hotel Statler, Detroit, March 13-15, 1957.

The purpose of this competition is to stimulate greater interest and pride in the technic of Architectural drafting and particularly to emphasize the need for linear quality clarity of dimensioning simplicity of lettering adequate notations without superfluity, well-composed and logical sheet arrangement and due regard in drafting to processes used in reproducing drawings.

ENTRIES

Draftsman shall submit one 1 white print and one 1 blueprint of any single working drawing executed by him in an Architect's office in the State of Michigan during the calendar year of 1956 for an actual building to be constructed.

Only one entry per contestant will be accepted.

Working drawing shall not be retraced for the purpose of providing the contestant with a better entry.

All entries become the property of the Michigan Society of Architects and will not be returned to the contestant. The Michigan Society of Architects reserves the right to exhibit any of the entries submitted at its forthcoming 43rd Annual Convention and elsewhere as such exhibit may serve the purpose of the competition.

ELIGIBILITY

All draftsmen, not registered as Architects or Engineers, who are employed by Architects or Architectural - Engineering firms in the State of Michigan, are eligible for this competition. Each competitor must provide himself with a sponsor who is a member of the Michigan Society of Architects, who is a principal in the office where the draftsman is employed and who shall vouch for the eligibility of the competitor and compliance of competitor's entry with the rules of this competition.

AWARDS

The following monetary awards plus appropriate plaques will be awarded to the winners by the Michigan Society of Architects at its 43rd Annual Convention in Detroit from a generous gift that has been made available by the Michigan Blueprint and Reproduction Association.

Grand Prize $150; 4 First Prizes $75 each; and 4 Second Prizes $50 each for Architectural Structural Mechanical and Electrical.

To aid the jury in making awards on an objective basis competitors shall cover the title block with a sealed envelope which can easily be removed after judgement and which shall contain the sponsor's and competitor's signed statement.

CLOSING DATE

All entries must be received by mail prepaid or by personal delivery by February 08 1957 in the office of Wheeler and Becker Architects 1210 Dime Stor Building Detroit Michigan. All entries shall be rolled and placed in a suitable mailing tube plainly marked on the outside "Michigan Society of Architects Competition for Draftsmen."

JURY

The jury will consist of the following:

1. The Chairman of the Committee on the Practice of Architecture, Detroit Chapter American Institute of Architects.
2. The Chairman of the Subcommittee on the Draftsmen's Competition.
3. A member of the Michigan Blueprint and Reproduction Association.
4. An instructor from the Drafting Department of one of the Detroit Public Schools.
5. Representatives of the Michigan Society of Architects.

Decision of the jury is to be final on all matters and the competitors and sponsors so agree upon entering the competition.

SPONSOR'S AND COMPETITOR'S VOUCHER—

DATE_____

The Michigan Society of Architects Competition For Draftsmen Sponsored By The Michigan Blueprint and Reproduction Association

The undersigned certify that the attached entry (title of drawing sheet number, job number, and Architect's name) is in compliance with rules of the Michigan Society of Architects Competition sponsored by the Michigan Blueprint and Reproduction Association.

Signed _____
M. S. A. Sponsor

Signed _____
Draftsman

MSA
MICHIGAN ITEMS

Future Meetings

MSA BOARD, 1957, 2:30 P.M.
Wednesday, Feb. 13 — City Club, Lansing.
Friday, April 12 — Botsford Inn, Farmington
Tuesday, May 21 — Harmonie Club, Detroit
June — No Meeting
Wednesday, July 10 — 120 Madison Ave., Detroit
Friday, Aug. 2 — Grand Hotel, Mackinac Island
Monday, Sept. 23 — With Western Michigan Chapter, Kalamazoo
Wednesday, Oct. 16 — With Detroit Chapter
Tuesday, Nov. 12 — With Saginaw Valley Chapter
Thursday, Dec. 12 — Detroit

WESTERN MICHIGAN CHAPTER DINNER MEETING, 1957
Friday, Feb. 22 — Centennial luncheons in various cities
Monday, March 18 — Centennial celebration, Pantlind Hotel, Grand Rapids
Monday, April 22 — Lansing
Monday, May 27 — Grand Rapids
Friday, June 21 — Outing, Traverse City
July and August — No Meetings
Monday, Sept. 23 — With MSA Board, Kalamazoo
Monday, Oct. 21 — Election, Honor Awards, Battle Creek
Monday, Nov. 25 — Ladies' Night, Lansing
Monday, Dec. 18 — Grand Rapids

DETROIT CHAPTER DINNER MEETING, 1957
All meetings at the Rackham Bldg., Detroit, unless otherwise noted. Board meetings 4 P.M. on the same days. Reception 6 P.M., Dinner 6:30, Program 8.
Friday, February 22—Centennial Birthday Party, Hotel Statler, Detroit
Tuesday, March 26—Douglass Haskell, at Detroit Institute of Arts
Wednesday, April 24 — With Amer. Inst. of Decorators, The Whitner Hotel
Friday, May 24 — Joint Meeting with student chapters

13 is a Lucky Number—For I.E.S. at any rate. On Wednesday, February 13, members of the Illuminating Engineering Society, Michigan Section and their guests will enjoy a conducted tour through Detroit's new City-County Building, one of the largest office lighting projects ever completed in this area.

Architects are invited to this event, at which Byron H. Becker, A.I.A. will be Chiarman. Dinner will be served at Al Green's, in the building, at 6:00 P.M. at $3.50 (all-inclusive), and no one will be served after 6:30. Immediately following dinner, the men who planned the lighting for the building will be heard from.

The tour of the building will begin at 7:15 P.M., following which there will be a program at 8:00 P.M. in the 13th floor auditorium. Mr. Ben S. Benson, Jr., a Fellow of the I.E.S. and chief illuminating engineer of the Benjamin Electric Manufacturing Company, of Des Plains, Ill., will speak on "Present Practice and New Developments in Office Lighting."

Reservations should be made by February 8, with Mr. Glen Thornton, care of S. P. Eccelstone & Sons, 18989 James Couzens Highway, Detroit 35.

THE ECCLESIASTIAL ARTS GUILD of Detroit, inaugurates a series of public service events with a slide lecture "ART IN ARCHITECTURE" by Louis G. Redstone, AIA, vice-chairman of the Civic Design Committee, in Northland Auditorium, Detroit, at 8:30 p.m. Saturday, February 9.

Mr. Redstone's lecture is open to the public and is without admission charge. EAGuild plans include a panel-floor discussion of the freedom of exhibition juries, another on the rights of art critics, several slide talks by Guild members of recent European visits, and a symposium on religious arts and crafts.

KING & LEWIS is the new name of the architectural practice formerly conducted under the name of Harry S. King, A.I.A. The firm's offices are at 18936 Wyoming Avenue, Detroit 21, Mich.

Maxwell Lewis, A.I.A., recently admitted to the firm, is a native of New York City, where he received his professional education at New York University. After working in Detroit architects' offices, he became registered to practice in Michigan, as an architect, in 1955.

King, a brother of Sol King, A.I.A. chief architect of Albert Kahn Associated Architects and Engineers, Inc., had worked for the Kahn organization, Charles N. Agree, and Theodore Rogvoy. A native Detroiter, he was educated at Wayne University and Lawrence Institute of Technology and he entered his own practice in January, 1955.

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Governor's Residence

Survey and recommendations on selection of site, submitted to Mr. James W. Miller, Controller, Department of Administration, State of Michigan, by Adrian N. Langius, Director, Building Division.

In accordance with your request, here is a report on prospective sites for a governor's residence in Michigan. The report includes a discussion of the function of the facility, site qualifications, cost factors, and the recommendations of the Building Division, together with a review and numerical evaluation of three sites in terms of established criteria, all for the consideration of the Legislative State Office Building Committee.

The selection of a site for such a residence cannot be dissociated from the overall program of the building requirements. Such a program was developed through discussion with present and past governors, members of the Legislature, studies of residences in other states and similar facilities. The building components included within the budgetary limitation of $250,000.00 set by the Legislature have been presented in the Supplement to the Capital Outlay Budget for the fiscal year ending July, 1957. In the Supplement the site was indicated as being at Ferris Park, only because it was State-owned.

In a survey of nine states comparable to Michigan in size, population and governmental expenditures, there was extreme variation in thinking about both the residence and its location. Eight of the nine states have governor's residences. Of this number only two were constructed as such, and the other six were inherited and are not now thought suitable to their purpose. It appears that Michigan is fortunate to be in a position to select a site and construct an executive residence in terms of logical use and function rather than to be circumscribed by an inappropriate facility at an unsuitable location. Both California and New York are now planning new facilities for their governors. Official functions for the facility listed by the several states include: meetings of the Governor's cabinet, adminstrative, legislative and judicial groups and an extensive assortment of semi-official gatherings and receptions.

There follows the criteria for the selection of a site:

1. **Accessibility**—includes both the relation to the Capitol group and the availability of police and fire protection.
2. **Environment** — includes general suitability and freedom from hazards and nuisances, not only of the present but also of potential surroundings.
3. **Physical Attributes**—includes topography, size of the area, type of planting and the suitability of the subsoil.
4. **Utilities**—includes availability of municipal steam as well as municipal sewerage, water supply, etc.
5. **Land Value**—may be either cost of acquisition or, if already owned, its value for other purposes.

Of these five characteristics, two (3. **Physical Attributes** and 4. **Utilities**) are self-explanatory, the others need to be clarified.

1. **Accessibility:** The [illegible] elements of the program [illegible] that the residence be [illegible] public building in which, in addition to the governor's living quarters, there are areas for the recognized [illegible] official functions as well as [illegible] hospitality for [illegible]. This concept differs [illegible] individuals think of in terms of [illegible] which is [illegible] some [illegible]. To [illegible] now it has been customary for [illegible] Michigan's governors to provide [illegible] living quarters, during [illegible] suitable to his [illegible] family. Were [illegible] intended to provide [illegible] more satisfactorily on a [illegible] for each governor [illegible] serving to the [illegible] the program is [illegible] executive residence [illegible] building in which [illegible] official functions dominate with the consequent need for a site accessible in terms of public use. [illegible] and New York are recognizing the [illegible] accessibility and have determined that the site should be close to the [illegible].

It seems ideal, in terms of [illegible] for Michigan to locate its governor's residence immediately adjacent to the good traffic arteries, public transportation and parking facilities, all readily available to officials, visitors and tourists, and to police and fire protection.

2. **Environment:** Of equal importance to accessibility, environment is more difficult to analyze. It consists of many elements both positive and negative. The present environment is a climax of land zoning practice, traffic, population concentration, and land occupancy that may result in hazards and nuisances or may combine to produce a desirable atmosphere. The zoning of areas adjacent to any site under consideration as well as the architectural design, age and function of adjacent buildings, comprise **general stability.** The zoning is particularly important. Commercial zoning may include a gas station, an office building, a super market, a restaurant, professional offices or multiple dwellings. In areas of large residences, no longer suitable for a single family, the ownership and occupancy may change frequently, with consequent changes in the maintenance and appearance of the buildings themselves. Two other factors in environment are: **freedom from hazards** and **freedom from nuisances.** The [illegible] in the Lansing area [illegible] to be [illegible] nuisances or [illegible] arise from many sources [illegible] may be compensated for in the [illegible] to a [illegible] which may be a nuisance where there is no [illegible] for the [illegible] during their [illegible] hours during the week and [illegible] ing problems. [illegible]

[illegible] to be [illegible] the surrounding [illegible] may be [illegible] with [illegible] [illegible] to [illegible] the [illegible] [illegible] [illegible]

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fluenced by the proposed vehicular connections between Michigan Avenue and Ottawa and Allegan Streets. Any site within this area would meet most of the desired qualifications; although there are some drawbacks to the environment, the proposed building could be protected from neighboring structures with appropriate screen planting or fences.

(2) **Ferris Park** is a two-block area, two blocks north of the Capitol which at present serves both as a city park and as an athletic field for St. Mary's High School. In addition, it could be used as an immediate, but temporary solution to the Capitol Development parking problem. This site meets many of the established qualifications but to a lesser degree than one adjacent to the Capitol. It has great value to the City of Lansing and others as a park and recreation area. If the Legislative State Office Building Committee should prefer this site, it is recommended that a final decision be withheld until proper assurances are obtained from the City of Lansing that the environment of the access from the residence to the Capitol will be improved, particularly Chestnut and Walnut Streets. This access should be free from undesirable enterprises and structures. At present many of the buildings facing these streets and the park are old, rundown and non-descript and comprise a highly inadequate setting and approach. From the record of city planning and zoning of the City of Lansing, it seems doubtful that sufficient controls can be applied to assure the requisite dignity for the residence. Good assurance would be attained if the City of Lansing acquired the intervening blocks for a city park to replace the state-owned land now being used for that purpose.

(2) **The Barnes Property,** long considered the site for the governor's residence, is related to the Capitol only by virtue of being the southern terminus of Capitol Avenue six blocks distant. The area is approximately two acres and is fronted by Main Street, a major traffic artery serving as a truck route. It is bounded on the south by the Grand River and to the east and west are large residences whose future is indeterminate. Across Main Street and nearby along Capitol Avenue are old houses remodeled for use by business and professional offices. As in the case of Ferris Park, there is little likelihood that the sourroundings and approach will be improved to insure a setting worthy of a governor's residence. Some benefit would result if the site included the Scott residence to the east and two other houses to the west between the property and Cooley Park. As some indication of the deterioration of this neighborhood, it should be noted that only ten years ago it was a much more desirable site when Capitol Avenue was a two-way street and the surrounding houses were occupied as residences. It is probable that the industrial and commercial encroachments will increase.

There follows a chart on which numerical ratings are assigned to the criteria for a theoretically perfect site and for each of the three sites being considered. The site immediately adjacent to the Capitol group has the highest total rating. Here the residence would be well related to other public buildings and would have good accessibility and good environment, the control of which can be reasonably assured. The other two sites rate so nearly alike that choice between them is difficult. The chief drawbacks in both stem from doubtful environment and their separation from the Capitol group, as well as the virtual impossibility of control of the access routes intervening. The importance of the relationship between the residences and the Capitol cannot be overemphasized, and unless what borders the connections is in keeping with both, the result will be ineffectual.

There is an alternative solution which should be given consideration. This solution does not require the acquisition of additional land nor does it introduce problems concerning accessibility and environment posed by the other sites. It offers a metropolitan way of living in keeping with the mid-twentieth century and with the concept of the Capitol Development itself. There is reason to believe it would be appropriate for Michigan because the City of Lansing will within the foreseeable future become increasingly metropolitan in character and because Michigan's governor is already provided a home on Mackinac Island to which he traditionally moves with his family during the summer months. It should be recognized that each governor is a temporary resident who usually has elsewhere a permanent home suitable to the particular needs of his household, and that these personal requirements vary so widely that even at best, they never can be fully satisfied by any one state facility. Preliminary studies indicate that it is possible to provide executive quarters for the governor on the uppermost floor and roof of the proposed office building. This area would be served by a private elevator and would include an adequte suite for private living and facilities for visitors as well as rooms for official functions and would offer a superb view of the Capitol group as well as the City of Lansing. While this solution may have some drawbacks, it possesses most of the advantages of the site adjacent to the Capitol without the expenditure of approximately $350,000.00 for land.

Based upon the criteria for the selection of the site and the contingent problems discussed herein, the order of preference of the several locations for the governor's residence is as follows:

1. Immediately adjacent to the Capitol Development.
2. A part of the proposed office building.
3. At Ferris Park or on the Barnes property.

SITE RATINGS

	Theoretically Perfect Site	Site Adjacent to Capitol Group	Barnes Property	Ferris Park
1. ACCESSIBILITY:				
A. Capitol development	15	14	8	9
B. Police and fire protection	5	5	4	5
C. Parking	7	6	4	5
D. Officials, visitors and tourists	5	5	4	4
E. Good traffic arteries	5	5	5	5
F. Public transportation	3	3	2	2
Sub-total	40	38	27	30
2. ENVIRONMENT:				
A. General suitability	10	8	8	7
B. Approach to Capitol	10	9	4	5
C. Freedom from nuisances	5	3	3	4
D. Freedom from hazards	5	4	3	4
E. Potential	10	8	4	4
Sub-total	40	32	22	24
3. PHYSICAL:				
A. Topography	3	2	3	2
B. Amount useable	2	2	2	2
C. Character of planting	2	0	2	1
D. Subsoil	3	3	3	3
Sub-total	10	7	10	8
4 UTILITIES:				
A. Municipal steam	2	2	0	2
B. Sewerage	1	1	1	1
C. Water and other	1	1	1	1
D. Gas	1	1	1	1
Sub-total	5	5	3	5
5. LAND VALUE:	5	1	4	1
Total Rating	100	83	66	68

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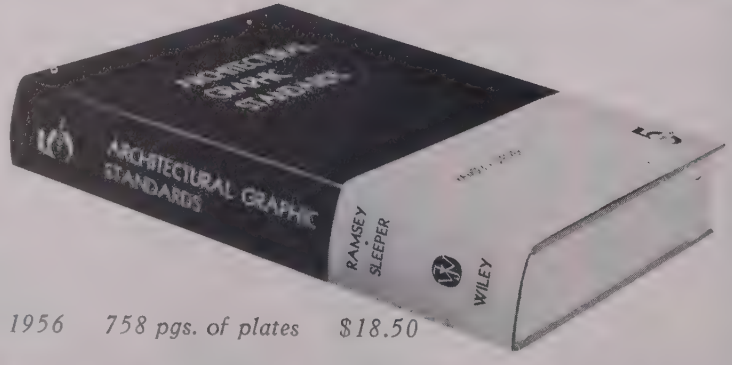

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ORGANIZING TO BUILD

EDITOR'S NOTE: The following is a reprint of the brochure published by the Michigan Society of Architects in 1951. The booklet is now out of print and a committee is in the process of rewriting it for issuance in the near future. In the meantime copies of this report may be obtained from the Bulletin, at 15c each. The fee schedule was approved by the Detroit, Western Michigan and Saginaw Valley Chapters of The American Institute of Architects and by the Michigan Society of Architects.

FOREWORD

The object of this pamphlet is to outline the major steps in a typical construction job and the responsibilities of each major participant in a brief and simple way. It is thus intended to aid those who may not fully understand the duties of the Owner, Architect and Contractor and their relation to each other and to the project which they as a team are to build. It is also expected to assist in creating smooth-working organizations capable of doing their jobs with the minimum of confusion, trouble and expense.

Those contemplating building are urged to study each succeeding section thoroughly.

THE BUILDING PROBLEM

The construction of a good building, involves several considerations. The initial and ultimate size of the structure, the site, cost, architectural character, and, perhaps, special problems applicable to the particular project must be considered and be logically and realistically programmed. This will require time, patience and study.

Let us consider the following example: A school board is confronted with the replacement of an over-crowded and obsolete school. The Board and its teaching staff will first consider the immediate needs of the present school population, and next, the probable future school needs of the community. The capacity and elements comprising the first unit, and then the ultimate complete school plant, will thus be tentatively programmed. If the site of the old building will be available, its size, location and appropriateness must be examined and, if found wanting, a new site should be considered. Next the questions of design, materials, type of heating, etc., arise. As these problems begin to unfold the need of professional advice becomes apparent and the Board should take immediate steps toward obtaining the services of an Architect.

A similar variety of problems confront the builder of a home, a commercial building, manufacturing plant, or any other kind of structure. They will vary with the type of proposed building, but they will be there and will come forth again and again to plague the Owner unless he has fortified himself by "getting off on the right foot" in the very beginning.

THE ARCHITECT'S SERVICE

When the Owner's thinking has progressed to the point where he feels ready to consult an Architect he naturally wonders just what this man is going to do for him and his project.

Here is what your architect should do:

1. Review, check and comment on the Owner's program of requirements. The Architect has been educated to analyze and program projects of all kinds. Do not be surprised if he injects ideas which may result in an entirely new approach to the project and a new and vastly improved program.

2. Prepare preliminary sketches, outline specifications and approximate estimates of cost. This may require many conferences with the Owners. It will be necessary for the Architect to make many plan studies in order to obtain the most practicable and economical solution.

   The Architect is an experienced and skillful planner. He will save space, make the building function properly and arrange an orderly structure. These things will be expressed in the preliminary sketches.

3. Prepare Working Drawings and Specifications, usable as a basis for taking proposals and for the actual construction. These documents must show and fully describe the architectural, structural, mechanical (plumbing, heating, ventilating and air conditioning) and electrical components of the building in such detail as to enable contractors to estimate their cost and build them as visualized by the Architect. They must establish the building location on the site, show utilities, walks, roads, parking facilities, equipment and innumerable details of construction and mechanical work, and fully establish the type and quality of everything to be included in the construction contract.

4. Aid in the Preparation of Forms of Proposals. Ordinarily, the Architect will include forms for Proposals, Bonds, Contracts and similar documents in the specifications, so bidders will submit proposals on a similar basis and understand in what manner they will be held liable for proper execution of the work, as well as for payment for all labor furnished and material used in the building. The forms referred to are those which have been in general use, and which from experience have proved satisfactory. The Architect should not, however, undertake to advise an Owner as to the legal effect of documents, or the legal rights or duties of the Owner.

5. As constructoin progresses the Architect will make large scale and full size drawings of those portions of the work requiring further explanation.

6. Also, as construction progresses, the Architect will check and approve manufacturer's detail drawings and samples of materials. In this way the Architect sees that the Owner gets that to which he is entitled under the contract.

7. The Architect will endeavor to guard the Owner against defects and deficiencies in the work of contractors, but he does not guarantee the performance of their contracts. The supervision of an Architect is to be distinguished from the continuous personal superintendence to be obtained by the employment of a clerk-of-the-works. When authorized by the Owner, a clerk-of-the-works acceptable to both Owner and Architect shall be engaged by the Architect at a salary satisfactory to the Owner and paid by the Owner, upon presentation of the Architect's monthly statements.

8. The Architect checks periodical requests for payments presented by the contractor and recommends the amount of payments to be made by the Owner. He checks estimates for extras to and/or deductions from the contract, approves certificates for final payment and sees that all guarantees required by the contract are delivered.

Obviously, the role of the Architect is very important and very time-consuming. By providing the complete and adequate professional services which he is obligated to furnish, he gives the Owner a better building, proper management during construction and usually saves the Owner more than his entire fee by making possible real competitive bidding for the construction work.

SELECTING AN ARCHITECT

An Architect is selected the same as any other professional man. Investigate. Talk to the Owners of outstanding buildings, to the contractors who built them, and to those who are occupying them. Then interview Architects whom you may have decided to contact and also those who may have inquired about your proposed building. Review and compare their educational qualifications and experience and satisfy yourself as to their ability to work harmoniously with Owners and with reputable contractors. By this process you will eventually decide on your architect.

Next, you should talk to him about his services. Show him this booklet and make sure that he understands that you will expect him to provide the complete services hereinbefore described. Find out about his method of operating, when he can start and complete the plans and specifications and become as familiar as

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possible with his thinking about your particular problem.

Owners should not expect an Architect to submit preliminary sketches before he has been definitely retained.

An Owner is not acting in his own best interest if he permits gratuitous preliminary sketches to influence his selection of an Architect. Production of properly studied preliminary drawings is costly. Architects cannot afford to make them gratuitously. Such sketches are usually attractive pictures submitted with the intention of getting the architectural contract signed up in a hurry. They do not reflect the competence of the Architect to render the many other varied kind of services which will be required as hereinbefore outlined and are not alone a sufficient basis for making the selection.

In the case of certain important buildings where it may not be desirable to select an Architect directly, the selection may be made by an architectural competition. Such competition should be conducted according to the Architectural Competition Code Procedure of the American Institute of Architects.

Finally, find out about the fee. The fees hereinafter scheduled are considered fair and reasonable. Owners must not be misled by the offering of or the implication from an architect that he can furnish proper services for a fee which would not enable him to devote adequate time to the job. Through years of experience the production costs of architectural and engineering services have been quite thoroughly explored and the schedule of fees hereinafter given is the recommended minimum for the kind of services an Architect is professionally obligated to furnish. Architects who propose lower fees knowing full well that they will have to provide lesser services mislead their client and create disrespect for the profession.

Owners are reminded that inadequate fees can only result in poor or inadequate plans and specifications which cannot possibly serve as a basis for accurate estimating. The inevitable result is higher bids, for no contractor is knowingly going to submit a close proposal on work which is not clearly and completely defined. Inadequate attention to any of the other above-listed duties of the Architect can prove equally costly to the Owner. The little difference between a proper and a "cut rate" architectural fee may prove to be a very costly saving.

THE ARCHITECT'S CONTRACT

The Owner should always have a written agreement with his Architect. It should describe the project fully, its location and other pertinent considerations. It should fully and definitely describe the services to be performed by the Architect and the compensation to be paid for the same.

The contract should also cover the Owner's obligation to the Architect. The Owner should furnish and pay for complete and accurate information including, but not necessarily limited to, the following:

1. A complete statement of the functions of his building, the purposes for which it is to be used, the kind and sizes of its component parts and comment on special features, materials, building, equipment, etc. He should give the Architect the benefit of all of his previous thinking about it and state definitely the amount he is able to invest in the project.
2. A survey of the site showing property lines, topography, streets, paving, location of all utilities such as sewer, water, gas and electric services, and full information as to rights, restrictions and easements.
3. Approval by zoning authorities for the land use which the Owner intends to make.
4. Reliable soil data as may be required for the design of footings and other sub-surface structures.

THE ARCHITECT'S FEE

The compensation for architectural services naturally varies with the character and complexity of the project as this determines the amount of time required for each of his several services hereinbefore enumerated. For the following "Schedule of Recommended Minimum Fees," types of buildings having relatively similar plan production costs have been grouped together and the fees scheduled for different size structures in each group.

Types of Buildings:

Type A: Warehouses, manufacturing plants and similar structures.

Type B: Apartment buildings, housing projects, simpler types of office buildings, commercial and industrial buildings, and similar structures.

Type C: Schools, dormitories, hotels, clubs, hospitals, public buildings, theatres, churches, health centers, laboratories, clinics, the better class of shops and mercantile buildings, and similar structures.

Type D: Private residences.

SCHEDULE OF RECOMMENDED MINIMUM FEES

Dollar Cost of Project	Type of Building A	B	C	D
100,000	5.00%	6.00%	7.00%	9.00%
250,000	4.75%	5.66%	6.75%	8.80%
500,000	4.50%	5.33%	6.50%	8.65%
750,000	4.25%	5.00%	6.25%	8.40%
1,000,000	4.00%	4.80%	6.00%	8.20%
2,000,000	3.75%	4.60%	5.75%	8.20%

Fees for structures whose construction costs fall between the amounts given above shall be determined by interpolation.

For alterations add 3% to the basic rates.

METHOD OF MAKING FEE PAYMENTS

Payments by the Owner to the Architect on account of his fee when based upon percentages of construction cost as in the preceding "Schedule of Recommended Minimum Fees," are customarily made as follows:

1. Upon completion of the Preliminary Services, being those hereinbefore described under "The Architect's Services," paragraph 2, a sum equal to twenty-five per cent (25%) of the total fee, computed upon a reasonable estimated cost.
   (A Retainer Fee at the time the Architect is engaged is proper and may be requested by the Architect.)
2. Upon completion of working drawings, being those hereinbefore described under "The Architect's Services," paragraph 3, (exclusively of supplementary details supplied during construction) and specifications, a sum sufficient to increase payments on the fee to seventy-five per cent (75%) of the total fee. This is computed on a reasonable cost estimated on such completed drawings and specifications, unless bona fide bids are available, in which case the latter shall form the basis for computation. (During the preparation of preliminary studies and working drawings and specifications it is proper that payments on account be made at monthly or other intervals, proportionate to the progress of the Architect's work).
3. From time to time during the construction of the project and in proportion to the amount of service rendered by the Architect, payments are made until the aggregate of all payments made on account equals the agreed total fee, recomputed on the basis of final cost of the work.
4. Payments to the Architect on account of extra service, fall due from time to time as such extra service is rendered.
5. Should the construction of any work designed or specified by the Architect under direction of the Owner, or any part of such work, be abandoned or suspended or if subsequent alternates change the total cost of the work, the Architect shall be paid proportionately in accordance with the terms above stated for all work done by him up to the time of such abandonment or suspension or prior to the acceptance of an alternate design.

ADDITIONAL SERVICES BY THE ARCHITECT

The preceding "Schedule of Recommended Minimum Fees" covers those services customarily rendered by an Architect on an average job. Occasionally it is found necessary or desirable to change the extent of his services because of changed conditions or requirements which may include, but are not necessarily limited to, the following:

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1. SEPARATE CONTRACTS: The Schedule applies only when all construction work is let under a single contract. This has been taken into consideration in establishing the Recommended Minimum Fees. Should the Owner decide to have certain portions of the work executed under separate contracts, thereby increasing the Architect's burden of service, expense and responsibility, the Architect is entitled to addition remuneration.

2. EXTRA COSTS: Extra drafting or other expense incurred by the Architect as a result of delinquency or insolvency of the Owner or Contractor or damage to the work by fire, earthquake, flood or other natural calamity, shall be equitably paid for by the Owner in addition to any other compensation provided for under the Recommended Minimum Fees.

3. CHANGES IN ARCHITECT'S WORK: The Architect shall be entitled to just and equitable additional compensation from the Owner

   (a) If, at any time after approval of the preliminary documents, the Owner shall require the Architect to make any substantial change in the size or scope of the work, or require any change in plan, design or specifications which shall necessitate new sketches, working drawings or other documents, or substantial changes in existing documents prepared pursuant to instructions from the Owner, or

   (b) If, by reason of increases in building costs following the date of execution of the Architect's contract or of completion of the preliminary drawings, the construction cost of the work has been materially increased above the estimated cost or appropriation, and the Architect is required by the Owner to prepare any new additional documents or to make any changes as noted in (a) above in order to reduce such construction costs.

4. SPECIAL TECHNICAL OR CONSULTING SERVICE: In some buildings special conditions require the employment of special technical and consulting service in excess of the services included under the Schedule of Recommended Minimum Fees. This special service must be approved by both Owner and Architect, and is to be paid for by the Owner as an additional service.

5. OTHER SPECIAL SERVICES: An Architect may be retained to perform special services for which the fee cannot be determined from the preceding sections. These may include plant layout and special studies of manufacturing operating procedure, appraisal work, consultation not connected with basic services, work incidental to erection of a pre-fabricated structure, service on juries of selection, court testimony or many other types of service. The fee for such special service should be agreed upon in advance on an equitable basis by the parties concerned.

6. TRANSPORTATION & LIVING COSTS: The Architect, in addition to his regular Fee, is entitled to all costs of transportation and living in excess of those resulting from normal supervision and consultation incurred by him and his representatives in discharge of his duties connected with the work, to the cost of telegrams and long distance telephone calls made in the interest of the Owner, and to the cost of blueprinting and mimeographing contract documents in excess of agreed-upon quantities.

7. EQUIPMENT, FURNISHINGS AND DECORATIONS: Where furniture and furnishings are purchased under the direction of the Architect but are not designed by him, the Architect's fee for such service shall be additional to his regular fee for the project. If the furniture, furnishings and decorations are designed by the Architect the Owner shall pay him a further additional fee in proportion to the service rendered.

8. MODELS AND ILLUSTRATIVE DRAWINGS: If the Architect is required by the Owner to furnish three dimensional models of the project or any of its details, or perspective drawings in black and white or color in excess of such as the Architect may voluntarily submit the additional cost of such service shall be borne by the Owner.

9. ASSOCIATION OF ARCHITECTS: The association of two or more architectural offices on a single project sometimes develops increased expenses. If this results from the demand or desire of the Owner he should recognize the increased production cost and adjust the fee upward accordingly.

10. QUANTITATIVE SURVEY: The cost of a quantitative take-off of materials and labor is to be paid for by the Owner as an additional service.

OTHER METHODS OF DETERMINING FEES

While the usual method of establishing the amount of an Architect's fee is as a percentage of the amount of the construction contract, or contracts as in the preceding "Schedule of Recommended Minimum Fees," fees may also be determined on one of the following bases:

1. FIXED FEE: The Architect is reimbursed the total of his direct expenses and an appropriate amount of overhead plus either an agreed percentage of these total production costs or an agreed fixed sum for the Architect's services (usually not less than 25% of the applicable percentage rate as determined by the "Schedule of Recommended Minimum Fees.")

2. PAYROLL BASIS: The charge is the actual payroll of the Architect's employees engaged on the project plus a percentage of the payroll cost for overhead and profit. This percentage normally is between 100% and 150%.

3. LUMP SUM: The fee is a sum not subject to change because of variations in cost. This form is equitable only when both the extent of the project and scope of services can be definitely established.

4. PER DIEM RATE: Charges for consultations, opinions, and reports may vary from $50.00 per day upward, travel time included. Travel costs and other similar expenses are proper additional charges.

PARTIAL SERVICES BY THE ARCHITECT

If a project is abandoned, if the Architect's contract is terminated, or if for any other reason less than complete normal services are rendered, the Architect is to be paid that percentage of his normal fee corresponding to the percntage of service rendered.

THE CONTRACTOR AND THE CONSTRUCTION CONTRACT

After the Architect has completed the plans and specifications the Owner may choose to direct him as to the procurement of proposals. In the case of publicly-owned projects bidding is generally unrestricted and the award made to the lowest responsible bidder. If the building is privately owned, the Owner may desire to have it built by a contractor whom he selects, or he may want competitive bidding between a limited number of selected contractors. The Architect should be consulted regarding such matters but, generally, he will proceed in compliance with the Owner's desires as he should have no material interest in who gets the contract. The Owner should, however, accept his advice as to the competence of the bidder and his ability to build the project.

The Standard Form of Contract of the American Institute of Architects, modified as may be required to fit the particular project, is usually acceptable to all contracting parties. Architects should not undertake to advise clients as to their legal rights or duties.

As soon as the contract is signed the building team is complete and actual construction can begin.

* * *

There may be variations in the typical procedures described above, especially in the actual construction operations. It is inadvisable to undertake to treat possible departures from standard practices in this booklet. Special cases should be discussed with your Architect who will make recommendations.

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Roster of Offices in Michigan, Total 239

Editor's Note: we solicit the assistance of the architectural offices in Michigan for corrections or additions to this list. We plan to publish this list several times per year—with the two roster numbers and in a Public Officials issue

ADRIAN
Faulhaber, Francis A., 128 E. Maumee ..... CO. 2155

ALBION
Dean, Frank E., 219½ S. Superior 2011

ANN ARBOR
Anicka, W. T. & Assoc., 2300 Washtenaw ..... NO. 2-4481
Daniels-Davis Assoc., 2311 Shelby St. ..... NO. 8-6979
Kasurin & Kasurin, 303 State Savings Bank Bldg. NO. 3-4613
Lane, Charles W., 1160 Blakeway ..... NO. 3-0893
Loree, Douglas, 120 N. 4th St. ..... NO. 2-7404
Sanders, Walter B., 99 Barton North Dr. ..... NO. 2-9202
Tanner, Thomas S., 308-10 S. State St. ..... NO. 3-1700
Taylor, Howell, 500 Packard ..... NO. 2-0936

BATTLE CREEK
Binda, Guido A., 231 Capital Ave., N.E. ..... WO. 8-6171
Burgess, John H., 128 Lakeview ..... WO. 8-6876
Chanel, A. B., 9 N. Woodmer Dr. ..... WO. 2-0692
Haughey & Black, 616 Post Bldg. ..... WO. 8-8179
Sarvis, Lewis J., 258 Champion ..... WO. 2-4411

BAY CITY
Brysselbout, Paul A.,
202 Commercial Exchange Bldg. ..... TW. 5-5914
Goodeyne, Joseph C., 417 Bay City Bank Bldg. TW. 5-5453
Morris & Wesolek, 55 Bay Shore Drive ..... TW. 3-2360

BENTON HARBOR
Van Dongen, H. W., 250 Colfax .....

BIRMINGHAM
Conn, James W., 30855 Southfield Rd. ..... MI. 6-4482
Frost, Wallace, 227 N. Bates ..... MI. 4-6711
Keyes, Hugh T., 214 Wabeek Bldg. ..... MI. 4-0745
Moffett, Paul, 500 E. Lincoln ..... MI. 6-2600
O'Dell, Hewlett & Luckenbach, 950 Hunter Blvd. JO. 4-5697
Robinson, Eliot, 815 E. Maple ..... MI. 6-4040
Smith, Tarapata, MacMahon, Inc., 894 S. Adams MI. 6-3700
Snyder, Robert Assoc., 139 W. Maple ..... MI. 4-4204

BLOOMFIELD HILLS
Saarinen, Eero & Assoc., W. Long Lake Rd. .... MI. 4-0026
Swanson Assoc., Inc., W Long Lake Rd. ..... MI. 4-2440

DEARBORN
Bennett & Straight, 15624 Michigan ..... LU. 1-7750
Coombe, W. Glasson, 22148 Michigan ..... LO. 2-3900
Cuthbert & Cuthbert, 22208 Ford Rd. ..... LO. 5-9420
Cyr, Joseph, 4801 Williamson Ave. ..... TI. 6-4641
Davis, Stanley J., 2150 Elmdale ..... LO. 2-4033
Jahr-Anderson Assoc., Inc., 15011 Michigan .... TI. 6-8113
MacGregor & Sherman, 1824 Grindley ..... LO. 1-9303
Owens, S. L., 22441 Law Ave. ..... LO. 1-3136
Skidmore, Owings & Merrill, 17600 Michigan .... TI. 6-8196
Vicary, Harry C., 22148 Michigan ..... LO. 1-0028

DETROIT (Total 113)
Agree, Charles N., Inc., 1140 Book Bldg., 26 .... WO. 1-9263
Akitt, W. Roy, 2407 National Bank Bldg., 26 .... WO. 3-5333
Bankes, Hurless E., 16606 James Couzens, 21 .... DI. 1-2594
Barcus, Frank A., 17605 Parkside, 21 ..... UN. 2-7720
Basso, Victor J., 18326 Woodward, 3 ..... TO. 9-2432
Bauer, Leo M. & Assoc., 534 Free Press Bldg., 26 WO. 1-1874
Becker, Byron H., 1210 David Stott Bldg., 26 .... WO. 2-2695
Belco, Mossie, 3444 Second, 1 ..... TE. 1-9366
Beneicke & Lorenz, 19740 James Couzens, 35 .... VE. 8-7060
Beyster, H. E. Assoc., Inc.
700 Griswold Bldg., 26 ..... WO. 1-7182
Black, Lee & Kenneth C.,
1213 Majestic Bldg., 26 ..... WO. 1-4259
Blakeslee, L. Robert, 18218 Stoepel, 21 ..... UN. 3-3888
Boddy, Benjamin & Woodhouse, Inc.,
28 W. Adams, 26 ..... WO. 1-2386
Brauning, Fred Assoc., 3528 Nottingham, 24 .... TU. 1-0253
Brender & Van Reyendam, 4612 Woodward, 1 .... TE. 3-2429
Broecker, Edwin L., 22128 Grand River, 19 .... KE. 2-8050
Brown, H. Sanborn, 4895 Grand River, 8 ..... TY. 8-5700
Burns & Roe of Michigan, Inc.,
2021 Book Bldg., 26 ..... WO. 3-5590
Calder, Ralph R., 1212 Kales Bldg., 26 ..... WO. 1-9485
Calder, Robert F., 18100 Greenlawn, 21 ..... UN. 1-5174
Clark, Erroll R., 4310 W. McNichols, 21 ..... UN. 4-4762
Cleland, Eugene T., 409 Griswold, 26 ..... WO. 2-7850
Confer, Earl L., 14000 Strathmoor, 27 ..... VE. 5-8767
Cox, Frank E., 18136 Snowden, 35 ..... UN. 3-7257
Crane, Kiehler & Kellogg, 112 Madison, 26 .... WO. 2-2749
Cross, John K., 825 Book Bldg., 26 ..... WO. 2-8251
Danilowicz, Severn J., 17415 Mack, 24 ..... TU. 5-3030
Derrick & Gamber, 650 Guardian Bldg., 26 .... WO. 1-3175
Des Rosiers, Arthur, 15850 James Couzens, 38 UN. 4-2500
Diehl & Diehl, 120 Madison, 26 ..... WO. 5-1872
Dise, J. Ivan, 2631 Woodward, 1 ..... WO. 1-4789
Dolger & Rollason, 13827 Fenkell, 27 ..... BR. 3-8160
Donaldson & Meier, 16040 W. McNichols, 35 ..... BR. 3-7840
Emmerling & Calkins, Inc., 112 Madison, 26 .... WO. 2-1712
Feig, Irvin D., 7777 W. Chicago, 4 ..... WE. 3-8853
Fisher, Harold H. & Assoc., 20839 Mureau, 36 ..... TU. 4-6990
Fortney, Ralph, 914 Francis Palms Bldg., 1 .... WO. 2-2760
Fuger, Frederick W., 18495 Mack, 36 ..... TU. 2-7030
Gabler, Cornelius, L. T., 3300 Book Bldg., 26 .... WO. 3-8963
Gehrke, H., 751 Griswold, 26 ..... WO. 1-9130
Giffels & Vallet, Inc., L. Rossetti, Assoc.,
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Gruen, Victor & Assoc., Inc.,
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Habermas, Carl R., 415 Brainard, 1 ..... TE. 1-9898
Hanniken, G. J., 7338 Woodward, 2 ..... TR. 1-1240
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Hughes, Talmage C., 120 Madison Ave., 26 ..... WO. 1-6700
Ilgenfritz, H. D., 650 Guardian Bldg., 26 ..... WO. 3-0072
Jensen & Keough, 1214 United Artists Bldg., 26 WO. 1-0219
Kahn, Albert, Assoc. Archts. & Engrs., Inc.,
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Kallmes, John L., 806 Park Ave. Bldg., 26 .... WO. 1-7073
Kapp, William Edward, 1842 Buhl Bldg., 26 .... WO. 2-5415
Kasurin & Kasurin,
1501 Cadillac Square Bldg., 26 ..... WO. 1-8638
King & Lewis, 18936 Wyoming, 21 ..... UN. 1-9067
Kohner, Alex, 19111 Asbury Park, 35 ..... VE. 7-5892
Krecke, Norman, 220 Bagley, 26 ..... WO. 1-1949
Levey, Norman J., 1620 Guardian Bldg., 26 .... WO. 1-5879
McGrath & Dohmen, 2631 Woodward, 1 ..... WO. 5-0865
Maguolo & Quick, 1304 Maccabees Bldg., 2 .... TE. 1-3126
Malcomson, Fowler & Hammond, Inc.,
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Marr, Carl B., 415 Brainard, 1 ..... TE. 1-6860
Mason, George D. & Co., 409 Griswold, 26 .... WO. 2-7850
Maul, Lentz & Morris, 1032 Michigan Bldg., 26 WO. 2-4251
Merritt & Cole, 7376 Grand River, 4 ..... TY. 5-8617
Meyer, Earl G., 806 Farwell Bldg., 26 ..... WO. 3-4742
Morison, James B., 618 Fox Bldg., 1 ..... WO. 2-2576
Nelsen, LaVern J., 16316 W. 7 Mile, 35 ..... BR. 3-6451
Nesmour, David W., 18032 James Couzens, 21 DI. 1-2185
Palmer, C. William, 409 Griswold, 26 ..... WO. 2-1585
Palmquist & Wright, 16310 Grand River, 27 .... VE. 8-5935
Pellerin, Earl W., 18317 Westover, 19 ..... FL. 1-2414
Peterson & Ebbert, 18001 Schoenherr ..... LA. 6-9656
Pilafian, Suren, 153 E. Elizabeth, 1 ..... WO. 1-1540
Pollmar, Ropes & Lundy, 415 Brainard, 1 ..... TE. 2-8074
Pottle, John L., 15324 Mack, 24 ..... TU. 1-2988
Primeau, Edmund E., 15091 Mayfield, 5 ..... LA. 1-1387
Redstone, Louis G., 10811 Puritan, 38 ..... DI. 1-0710
Rogvoy, Theodore, 929 Fox Bldg., 1 ..... WO. 3-7414
Rosella, Edward G., 3390 Kensington, 24 ..... TU. 1-1765
Rosello, Peter R., 9407 Mack, 14 ..... WA. 4-8649
Rozycki, Walter J., 2266 E. Forest, 7 ..... TE. 3-7760
Rush, J. Leonard, 18720 Grand River, 23 .... VE. 7-5869
Schley & Ward, 18079 James Couzens, 35 ..... UN. 4-2827
Schmidt, Arthur O. A., 1112 Buhl Bldg., 26 .... WO. 1-6755
Sewell & Schoettley, 928 Michigan Bldg., 26 WO. 1-1267
Shanayda, Michael, 12303 Klinger, 12 ..... TW. 3-8611
Shreve, Walker & Assoc., 600 Woodward, 26 .... WO. 2-0990
Smith, Eberle M. Assoc. Inc., 153 E. Elizabeth, 1 WO. 5-8180
Smith, Hinchman & Grylls Assoc., Inc.
800 Marquette Bldg., 26 ..... WO. 2-8825
Tashjian, Berj., 16949 James Couzens, 35 ..... UN. 2-2695
Thomas, George E., 18323 James Couzens, 35 .... UN. 4-9864

Varney, F. Orla & Jewell, John B., 4829 Woodward, 1 — TE. 1-9620
Vogel, Charles J., 1008 Park Ave. Bldg., 26 — WO. 1-8830
Webster, Morris, 18353 W. McNichols, 19 — KE. 5-5085
Weidmaier & Gay, 112 Madison, 26 — WO. 3-7567
Weitzman, Arnold A., 11845 LaSalle Blvd., 6 — TO. 5-2500
West, Robert J., 1214 United Artists Bldg., 26 — WO. 1-0219
Wheeler & Becker, 1210 David Stott Bldg., 26 — WO. 2-2695
White & Griffin, 1004 American Title Bldg., 26 — WO. 1-9892
Williams Bros., 140 Elmhurst, 3 — TO. 5-5103
Winn, Otis, Architect, & Co., 524 Michigan Bldg., 26 — WO. 1-8288
Wright, Clifford N., 16310 Grand River, 27 — VE. 8-5939
Wright, Frank H., 18160 Westhaven, 19 — EL. 6-2446
Yokum, Robert W., 409 Griswold, 26 — WO. 2-7850
Zannoth, George G., 806 Park Ave. Bldg., 26 — WO. 3-7712
Zisler, Lyle & Assoc., 514 McKerchey Bldg., 1 — WO. 2-5803

FARMINGTON
Hannan, Charles D., 32580 Grand River — GR. 4-3134

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Abrams, Henry J., 800 Livernois, 20 — LI. 7-7900
Funke, Philip J., 141 W. Hazelhurst, 20 — LI. 6-1476
Tilds, Paul & Assoc., 1021 Livernois, 20 — LI. 8-4343

FLINT
Bachmann, George J., 1405 Kearsley Park Blvd. — CE. 4-2891
Eubank, T. Neil, 2430 Mackin Rd. — CE. 5-4426
Hawes, George S., 409 Sill Bldg. — CE. 4-6084
Jones, A. Charles, 1803 N. Saginaw — CE. 8-8101
MacKenzie, Knuth & Klein, Inc., 708 Harison St. — CE. 5-2241
Nurmi, S. A. & Assoc., Inc., 1669 N. Chevrolet — CE. 4-3864

GARDEN CITY
Pine, Harold E., 5905 Middlebelt Rd. — GA. 1-8100

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Allen, Roger & Assoc., 1126 McKay Tower — GL. 6-1527
Benjamin, Adrian T., 416 Murray Bldg. — GL. 9-6782
Colton & Knecht, 545 Cheshire Dr., N.E. — RI. 2-2548
Daverman, J. & G. Co., 924 Grandville, S.W. — CH. 1-4405
Donker Engineering Co., 158 Bostwick, N.E. — GL. 8-5317
Haveman, James K., 735 Michigan Trust Bldg. — 9-7934
Hertel, Benjamin W., 1200 Gladstone, S.E. — CH. 5-1829
McLaughlin, Wilfred P., 8½ Monroe, N.E. — 9-4089
Mead & Norton, 341 Michigan Trust Bldg. — 9-3732
OBryon and Knapp, Assoc., 300 E. Fulton — 9-3151
Post, David E., 334 State St., N.E.
Rindge & Rindge, 740 Michigan Trust Bldg. — GL. 8-5295
Robinson, Campau & Crowe, Inc., 738 Michigan Trust Bldg. — 9-2826
Savage, George B., 1170 Madison Ave., S.E. — GL. 2-7915
Seeger, Ralph E., 55 Lakeview Dr., S.E. — GL. 1-3852
Steketee, Chris, 503-4 Murray Bldg. — 9-2693
Vanden Bogert, John, 952 Michigan Trust Bldg. — GL. 6-9405
Weemhoff, Harvey H., 618 Murray Bldg — GL. 6-9922

HAZEL PARK
Tamplin, Ernest, 22231 John R. — LI. 6-6066

HIGHLAND PARK
Bagley, Alfred J., 116 Tennyson, 3 — TO. 8-5960
Krebs & Fader, 13973 Woodward, 3 — TO. 8-2134

JACKSON
Gildersleeve, Forrest A., 1503-04 Reynolds Bldg. — ST. 2-5010
Kressbach, Carl C. F., 408 Wildwood — ST. 4-3128
Sampson, Claude D., 115 4th St. — ST. 2-0007

KALAMAZOO
Kingscott, Louis C. and Assoc., 511 Monroe — 3-2657
Stapert, Pratt, Bulthius, Sprau & Crothers, Inc., 474 Academy St. — 5-2145
Stone, William A., 1507 American National Bank Bldg. — 2-3807
Trend Associates, Inc., 410 John St. — 2-0480
Wagner, Randall, 1510 American National Bank Bldg. — 3-2882

LANSING
Ackley, Clark R., 1811 E. Michigan — IV. 9-3211
Black, Lee & Kenneth C., 706 Capitol Savings & Loan Bldg. — IV. 4-3217
Holmes, Warren S. Co., 2200 Michigan National Tower — IV. 4-9428
Krauss & Farnsworth, 214 W. Main St. — IV. 4-1168
Laitala & Nuechterlein, 600 Hollister Bldg. — IV. 9-4107
Manson & Carver, 517 N. Washington — IV. 4-1311
Munson, O. J. Assoc., 1110 S. Pennsylvania — IV. 2-1261
Opdyke, Charles V., 1616 N. Genesee Dr. — IV. 9-3002
Simpson & Hartwick, 1003 Bauch Bldg. — IV. 5-5619

MARYSVILLE
Valentine, Charles M., 1985 Gratiot Blvd. — Pt. Huron 2-9561

MENOMINEE
Gjelsteen, Harry W., 218 1st St. — 4811

MIDLAND
Dow, Alden B., 315 Post St. — TE. 5-6761
Pereira, P. R., 1173 Foster Rd., R.F.D. No. 1. — TE. 5-3771

MONROE
Dunbar, Reed, 9 S. Monroe — CH. 1-7933
Gustafson, Robert G., 15½ E. Front Ct. — CH. 1-6676

MT. CLEMENS
Weber, Arthur A., 160 Market St. — HO. 8-4893

MUSKEGON
DeVries, Bernard J., 615 Hackley Union National Bank Bldg. — 2-3626
Hooker, Arthur M., 411 Michigan Theater Bldg. — 2-3407
Magnuson & Sumner, Montgomery Bldg. — 2-2791
Valentine, E. E., 99 Miller Ave. — 2-2285

NILES
Duffield, Edward R., 544 Oak St. — 2617

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Bery-Klei & Assoc., 8440 9 Mile Rd., 37 — LI. 2-2163

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Gould & Moss, 320 S. Main St. — 1919

PONTIAC
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Zimmerman, William C. Assoc., 831 W. Huron — FE. 2-8928

PORT HURON
Wyeth & Harman, Inc., 1602 Military — YU. 2-9523

RIVER ROUGE
Greig, Arthur & Assoc., 10538 W. Jefferson — VI. 2-8150

ROYAL OAK
Brandt, Christian W. & Assoc., 2831 Glenwood Rd. — LI. 1-1370
Ditchy, Clair W., 605 W. 11 Mile Rd. — LI. 1-4560
Ferar, Montgomery, 1204 S. Woodward — LI. 6-4444
Sheill, Gordon A., 902 Orchard Grove — LI. 3-0233
Smith & Smith, 2908 N. Woodward — LI. 1-4660
Yamasaki, Leinweber & Assoc, 103 W. 5th St. — JO. 6-4724

SAGINAW
Allen, Samuel C., 603 Bearinger Bldg. — 5-8711
Beach, Glenn M., P. O. Box 35 — 2-6407
Frantz & Spence, 326 N. Washington — 2-8133
Oeming & Waters, 218½ S. Hamilton — PL. 7-0711
Wigen, Frederick E., & Assoc., 1016 N. Michigan Ave. — 2-4997

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Wilson, Carlisle, 211 Biddle — AV. 2-1233
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YPSILANTI
Gerganoff, R. S., 206 N. Washington — 1564

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Kimball, Donald A. — 1045 Via Tranqvilla, Hope Park Ranch, Santa Barbara
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Fusco, J. Alden, 1920 Collins Ave., Miami Beach (39)
Gay, John B. 15912—1st St., E. Redington Beach, St. Petersburg (6)
Gomon, William R. 501 Ocean Dunes Rd., Daytona Bch.
Kimmins, Maurice B. 366 Lytle St., W. Palm Beach
Knox, William D. 5 Jeff Rd., R.F.D. 1, Largo
McConkey, George 1 King St., Eustes
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Kemp, Thomas L. 7218 W. North Ave., Wauwatosa (13)
Lefebvre, Gregory G. 6408 W. Santa Monica Blvd. Milwaukee (11)
Pollatz, Walter, 8725 Jackson Pk. Blvd., Wauwatosa (13)
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Stubenrauch, Edgar A. 712 Erie Ave., Sheboygan

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Wilby, Ernest 1567 Ouellette, Windsor, Ontario

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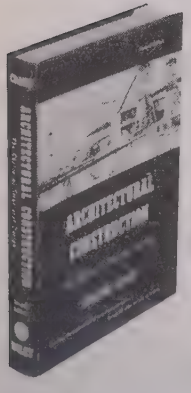

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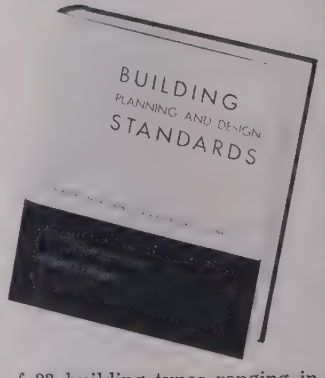

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Products News

Producers' Council MICHIGAN CHAPTER

Caroline Geiger, Exec. Sec.
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Calendar of Coming Events

Feb. 12—Mechanical Trades Night Dinner, Fort Shelby Hotel

Mar. 14—Producers' Council Cocktail Party in connection with 43rd Annual MSA Convention, Hotel Statler, Detroit

Apr. 8—E. F. Hauserman Co. Dinner, Coral Room, Fort Shelby Hotel

Apr. 12—Building Products Caravan — Hotel Statler

May 13—Dow Chemical Dinner, Fort Shelby Hotel

June 10—Business Meeting Dinner and election of officers, Fort Shelby Hotel

Informational Programs

Programs have been scheduled each Friday at 12:15 P.M. at the Fort Shelby Hotel as follows:

February 1; GLAZED WALL TILE AND CERAMIC MOSAIC; R. C. Faulwetter.

February 8; ADJUSTABLE STEEL FRAMING AND STRUCTURES; Unistrut.

February 15; DETROIT CODES AND ORDINANCES; Joseph Fink and W. G. Robinson, Building Department.

February 22; WHY DIFFERENT HEATING SYSTEMS FOR DIFFERENT BUILDINGS; Thomas Black.

March 1; ARCHITECTURAL CONTRACTS; Louis Menk, Albert Kahn Organization.

March 8; COLOR PROTECTED METALS.

March 15; PLYWOODS-HARDWOODS; U. S. Plywood.

THE PRODUCERS' COUNCIL, Michigan Chapter, held its first meeting of the New Year at the Fort Shelby Hotel, Detroit, on January 14th. The occasion was marked by the introduction of the new Executive Secretary, Miss Caroline Geiger, who will handle from now on all information relative to the organization and its activities.

Tight-fisted treasurer G. Frederick Muller announced with beaming satisfaction that there was now reposing in the treasury over $8,000.00. But the tantalizing gleam in his eye did not warrant any supposition that the free spenders of the organization would now enjoy a heyday.

Paul R. Marshall spoke briefly on the advantages of contributing to the Biddle House Fund and its importance to the State's historical position.

President Walter Sandrock presided, and voiced satisfaction over the weekly informational luncheons that have been progressing so well for the instruction of the younger members of the architectural profession on the merits of the Producers' products.

The Christmas Dinner dance was lauded, and it is hoped that vice president Charles W. Trambauer will see the light and use his position to foster it again next December at the Detroit Yacht Club, of which he is a member.

Among those at the dinner were Don Johnson, E. C. Baker, Henry Clay Hall, J. I. Patterson, Mike Hunt, Bill Snure, Dick Rhodes, LeRoy E. Smith, J. W. Davies, handsome Earl Thompson, Jim Everett, Walt Cetlinski, Jim Heaphy, C. E. Thornton, G. W. Smaltz, Charles J. Mock, J. R. Bowton, Anthony Krass and R. A. Suminski .

Others were Dick Pass, Pete Hambleton, C. W. Burrows, Rex Marshall, Harry S. Truman, Gene Hannum, Frank J. Wilkowski, Robert Eisen, Wright Hitt, D. T. Ollesheimer, R. J. Adam, Bob Polson, H. W. Hunter, Ed Elledge, Ralph J. Roach, Emrys L. Williams, H. A. Dallacqua, R. B. Richardson, A. G. Hann, Sam Burtman and elder statesman Louis Ollesheimer.

And still others were Charles P. Garascia, Richard Barrett, Harvey Krueger, Geo. V. McLaughlin, Don McDonald, Joe Fowler, Robert J. Bernard and John Koch.

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Willard, a native of Chicago, Illinois, graduated from the University of Illinois as a Civil Engineer in 1937. His experience in the structural steel and heavy construction fields includes service with the Chicago Bridge and Iron Company as assistant to the chief engineer, vice-president of William J. Howard, Inc., and president of North American Construction Corporation. He was responsible for extensive bridge construction projects in North and South America and the Caribbean area while with the latter two companies.

During World War II Willard served as Division Artillery Commander of the 26th Infantry Division in Patton's 3rd Army.

Married and the father of three daughters, he has moved his family to Grosse Pointe, Michigan from Chicago.

Willard takes over as manager of the Structural Steel Fabricating Division from Charles L. Chubbuck, who continues with the Company as first vice-president, and member of the Board of Directors and Executive Committee.

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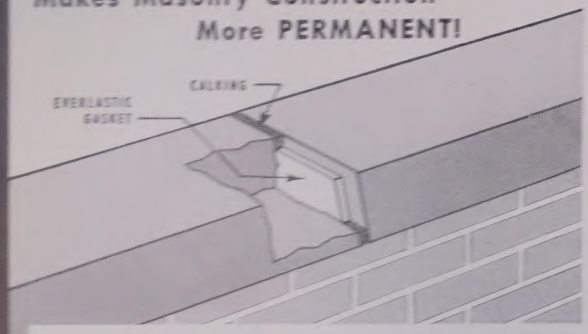

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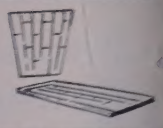

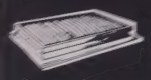

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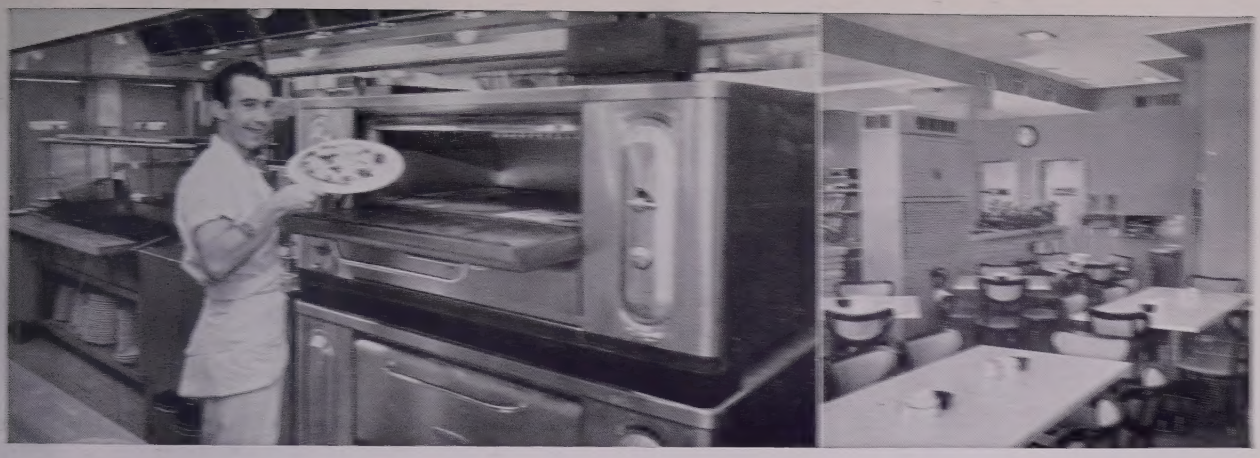

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Buck's is one of the many leading restaurants and dining establishments that depend on Gas cooking equipment. Remember, cooking with Gas makes all food taste better.

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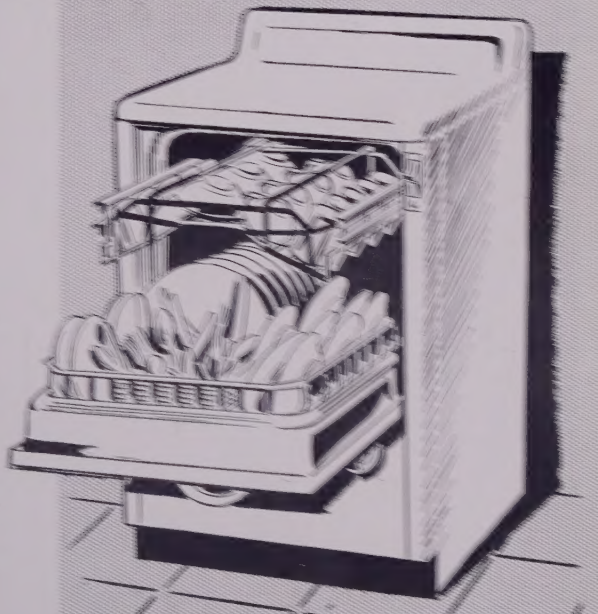

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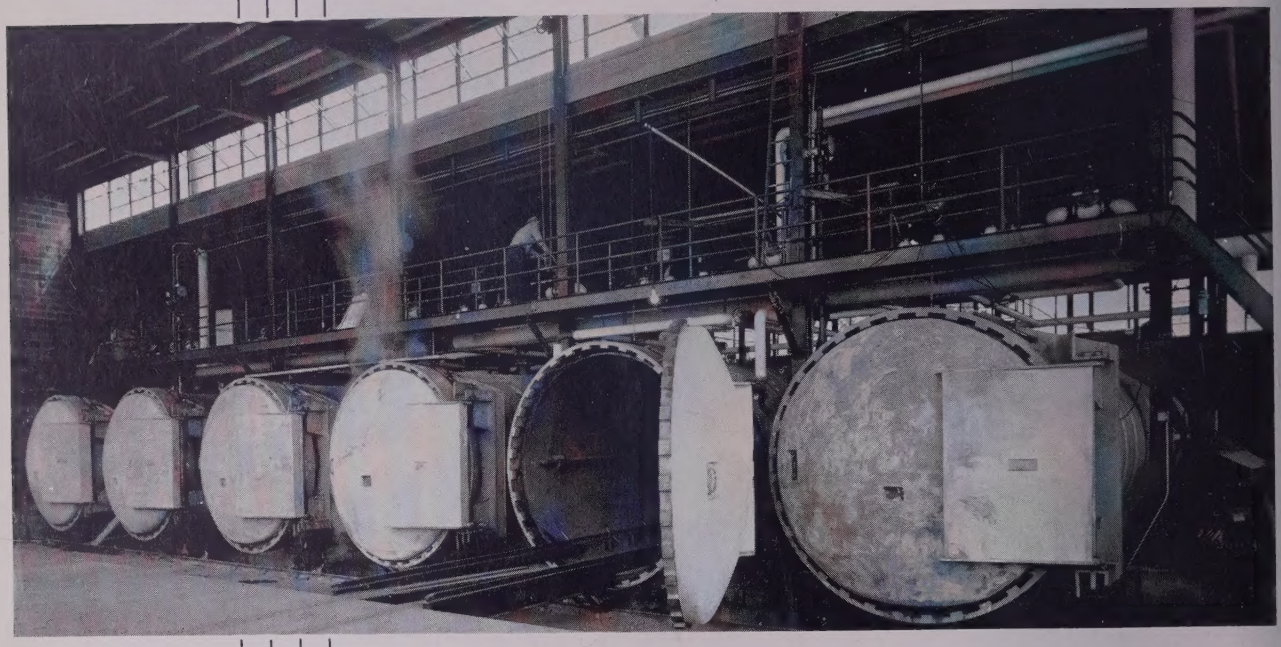

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